

Figure 1A

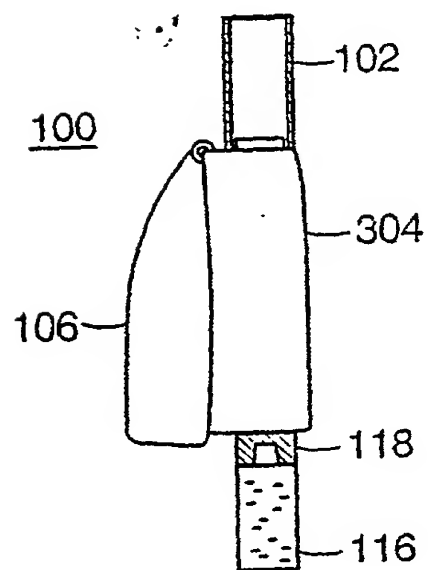


Figure 1B

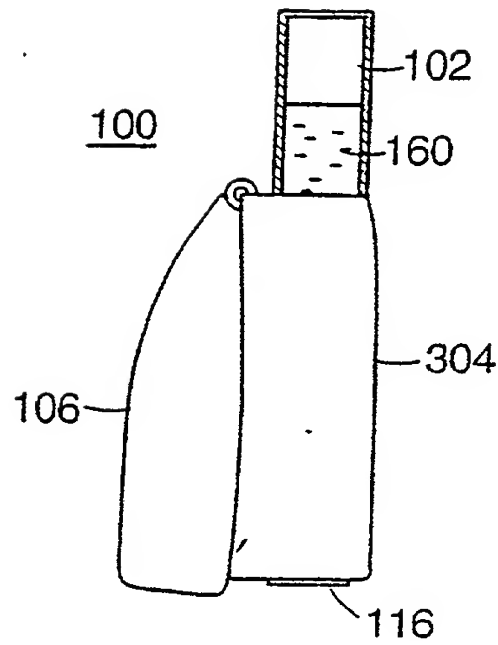


Figure 1C

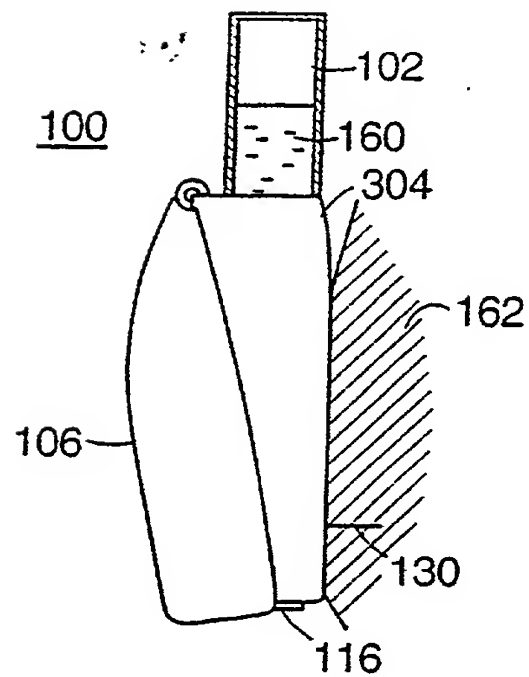


Figure 1D

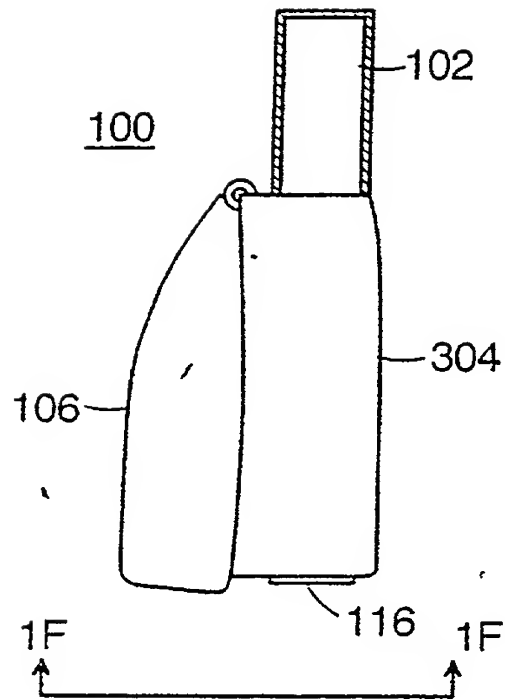


Figure 1E

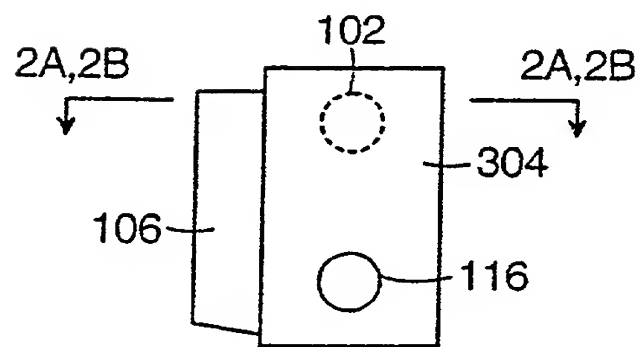


Figure 1F

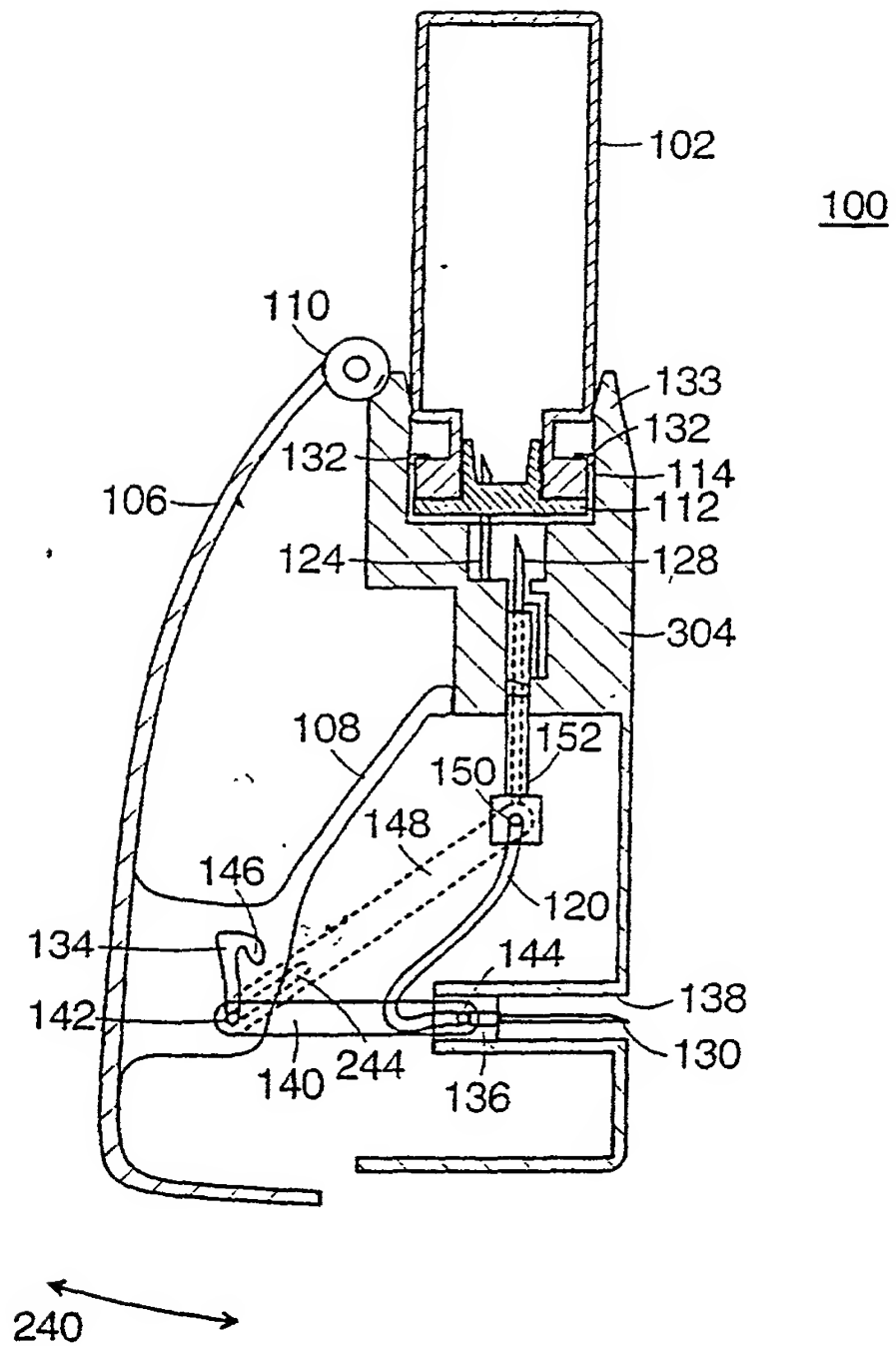
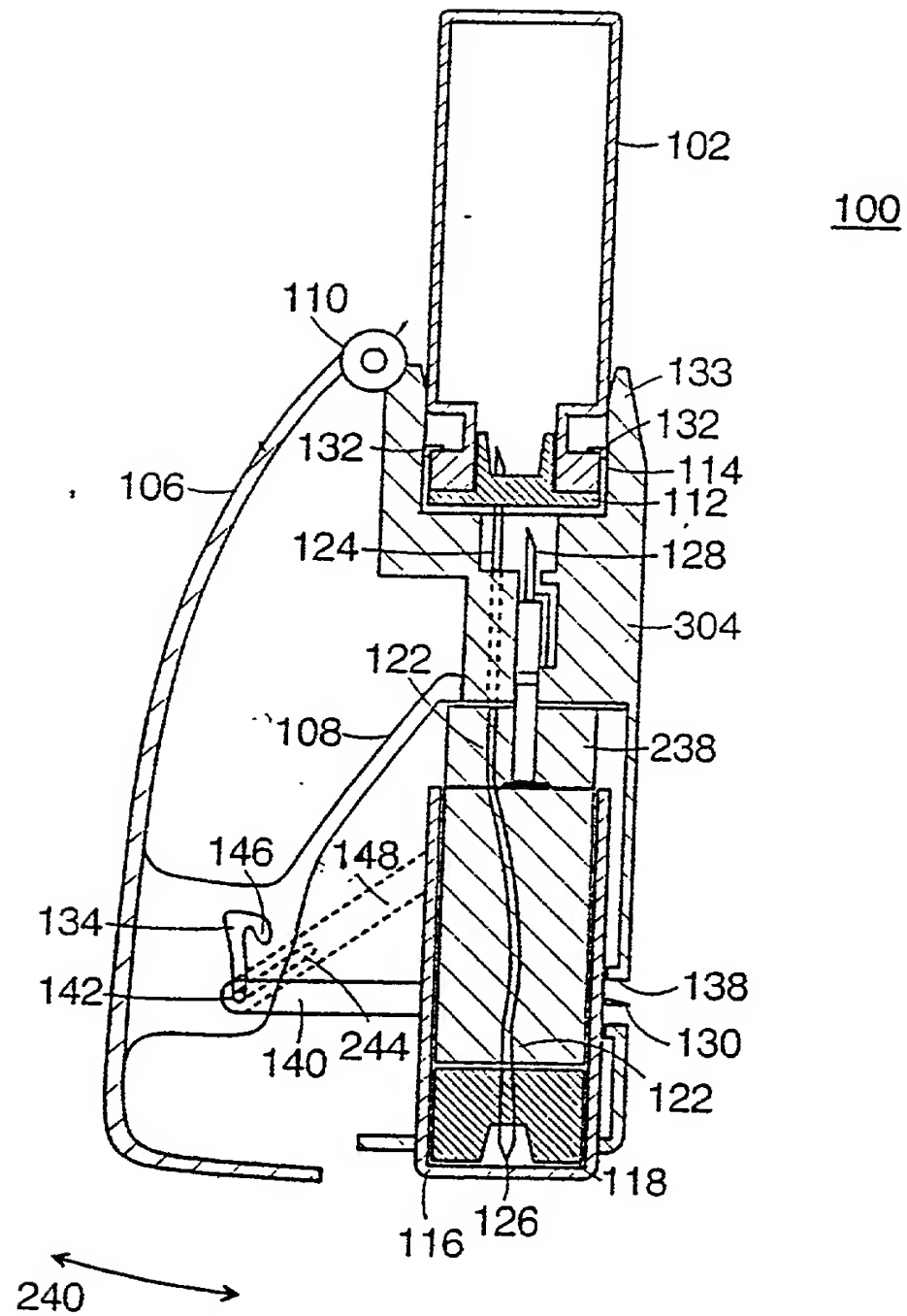


Figure 2A



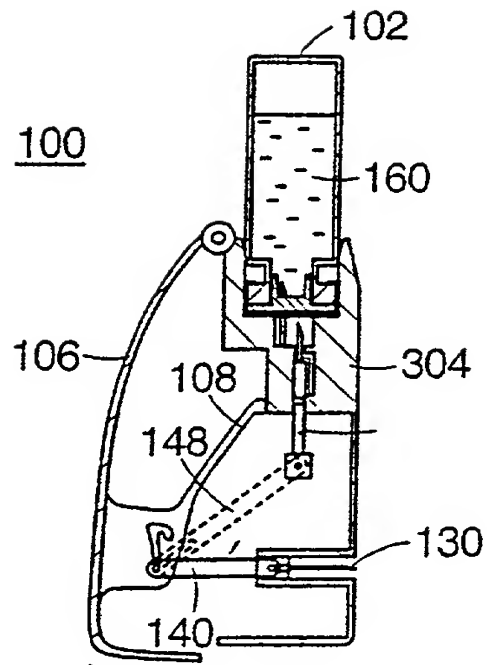


Figure 3A

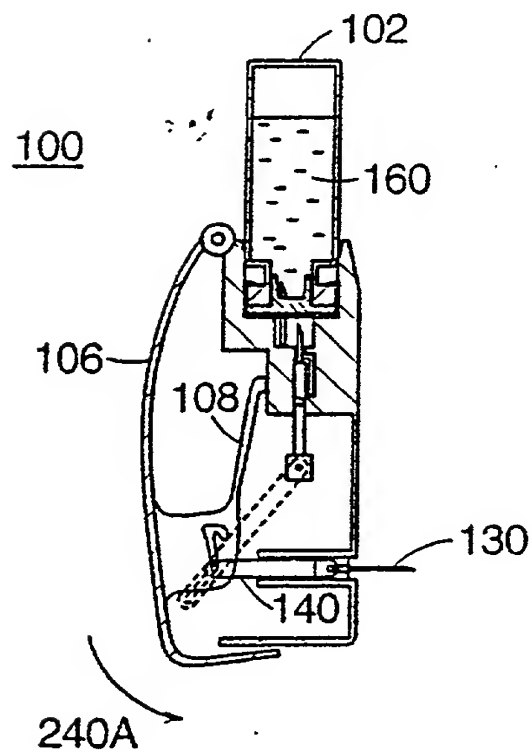


Figure 3B

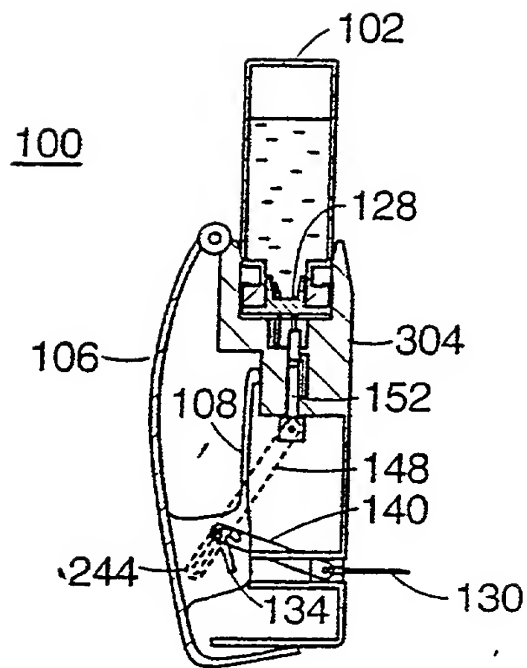


Figure 3C

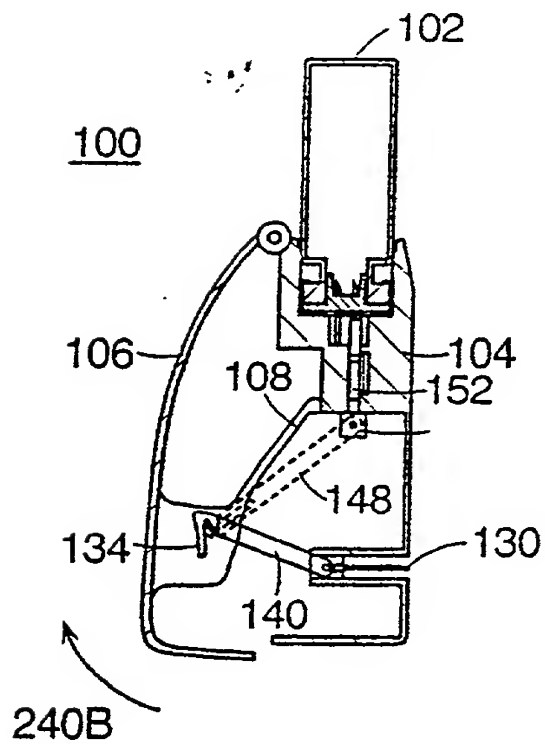


Figure 3D

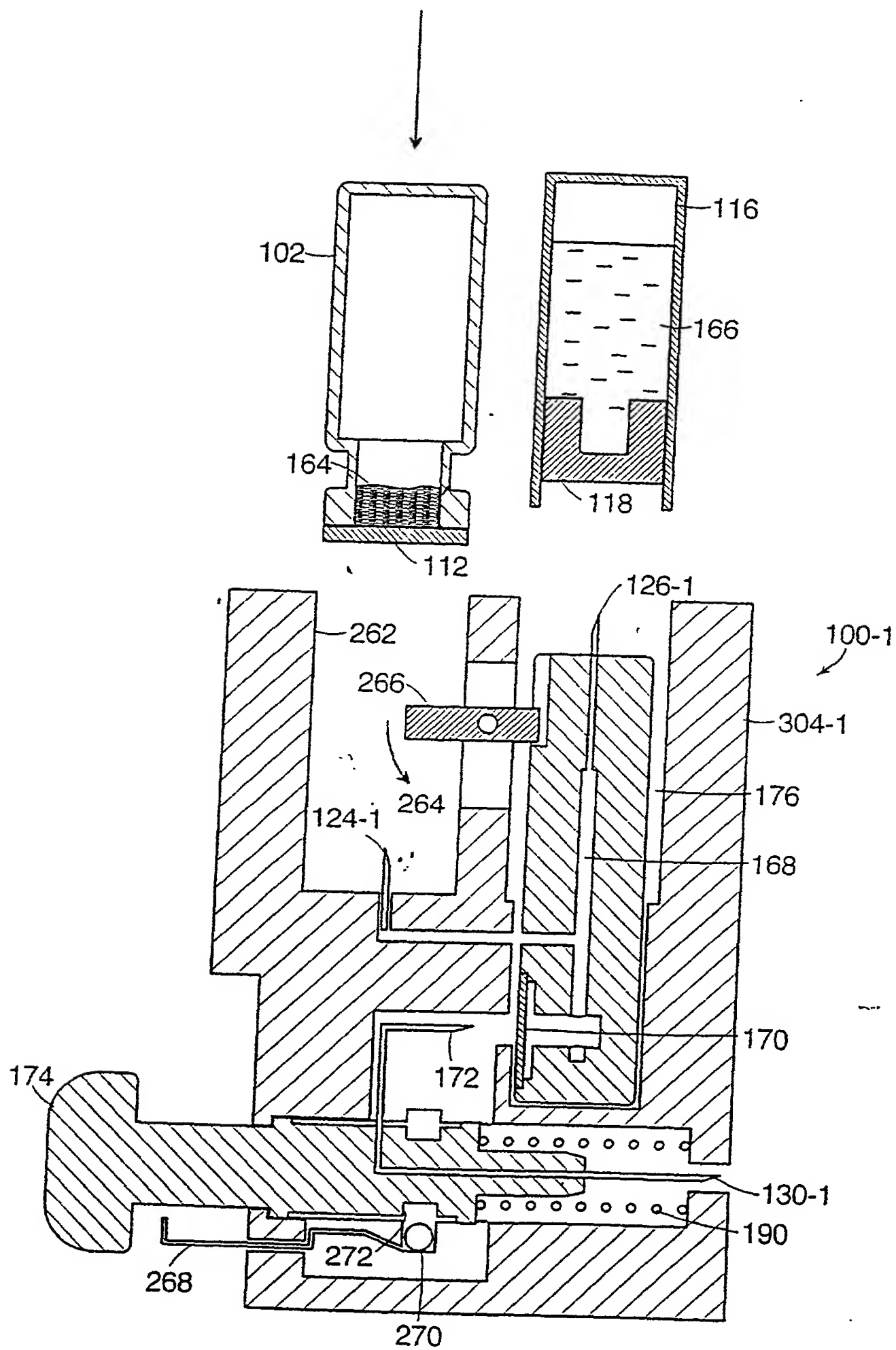


Figure 4A



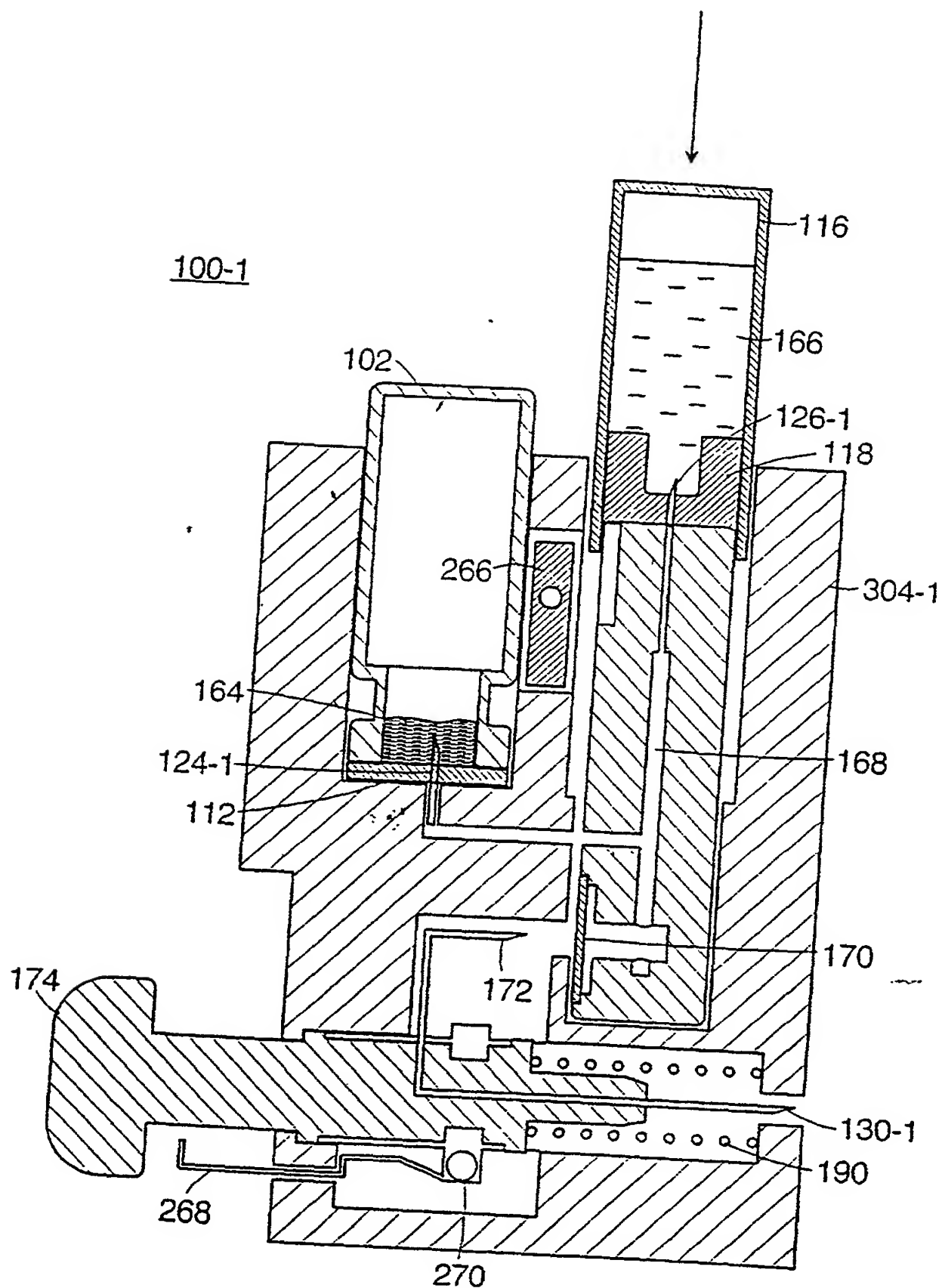


Figure 4B

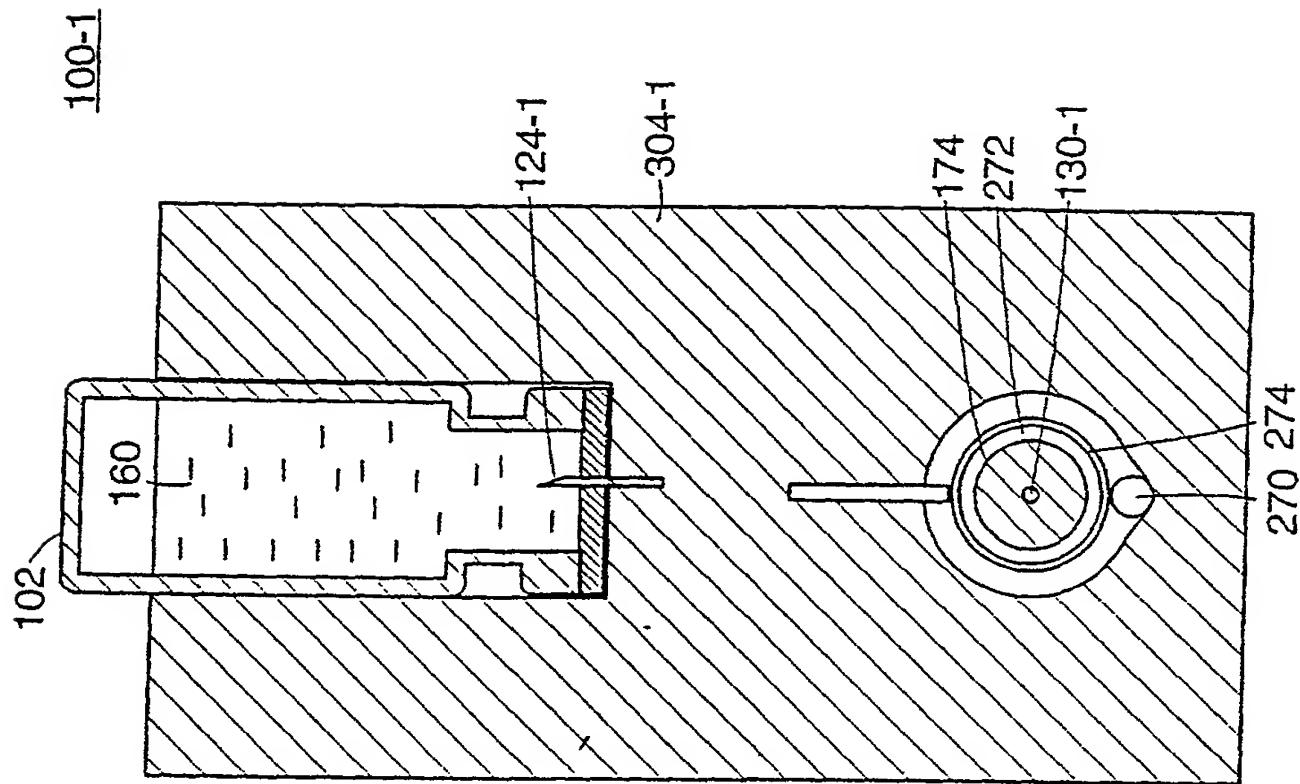


Figure 4D

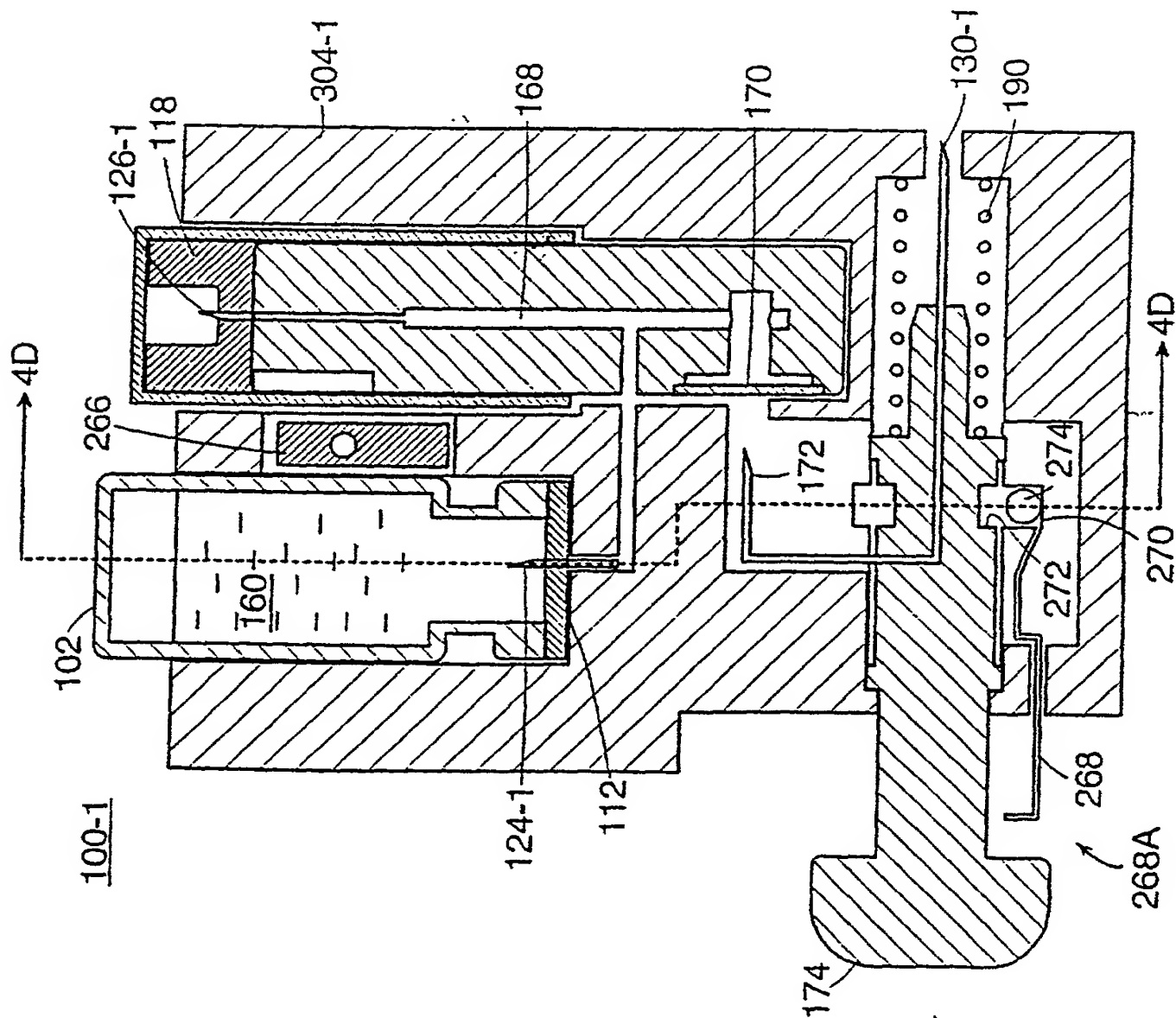


Figure 4C

304-1 124-1 102 160 174 272 130-1 270 274

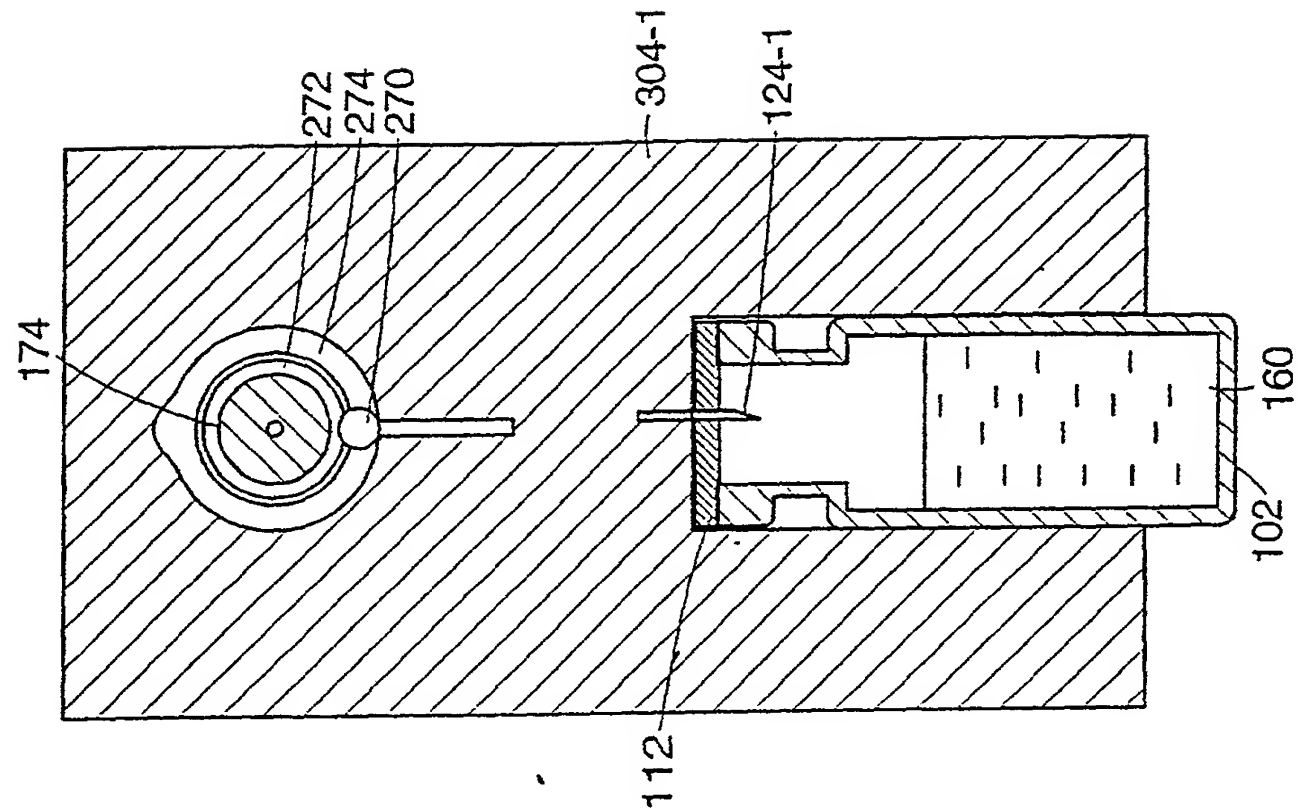


Figure 4F

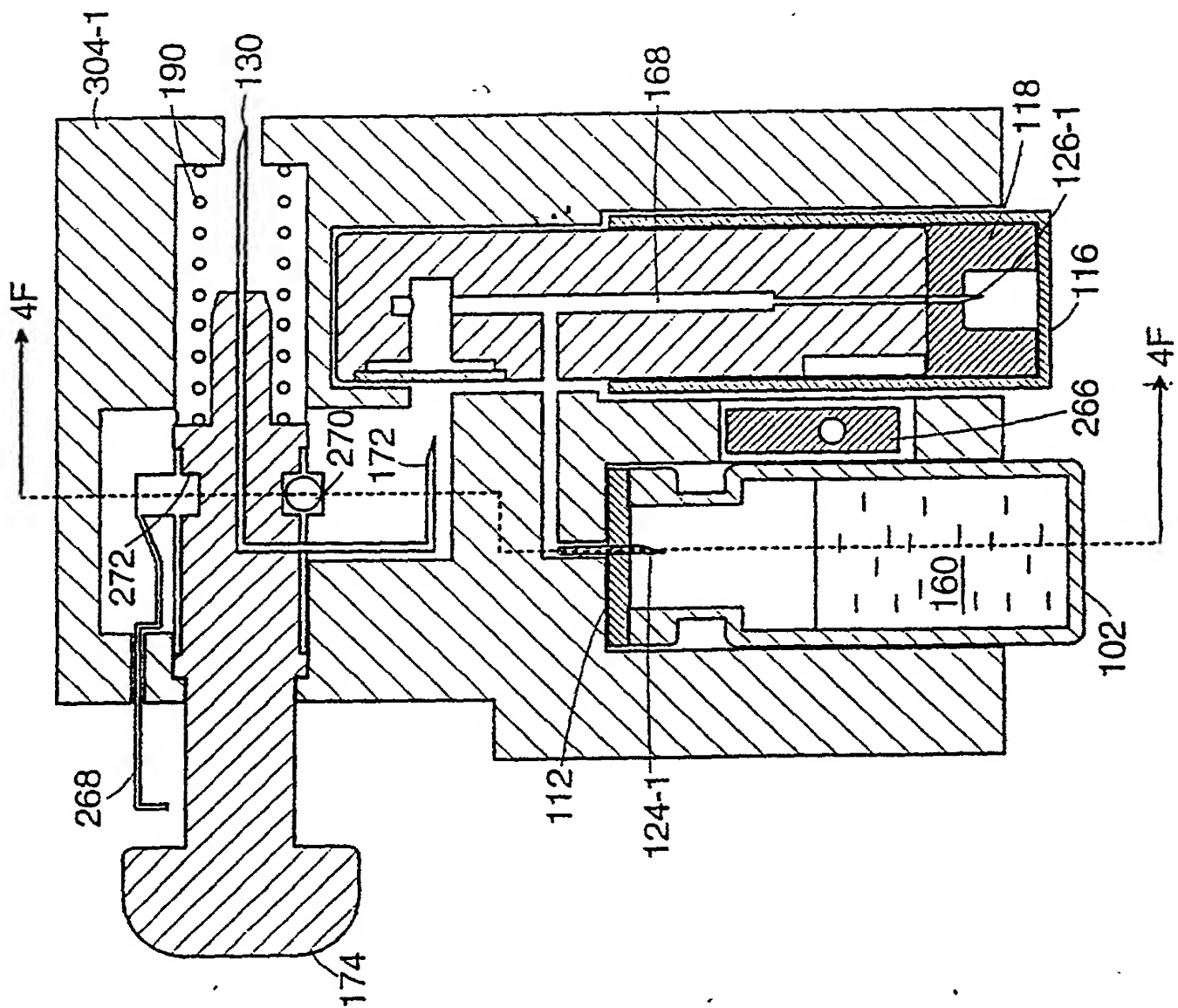


Figure 4E

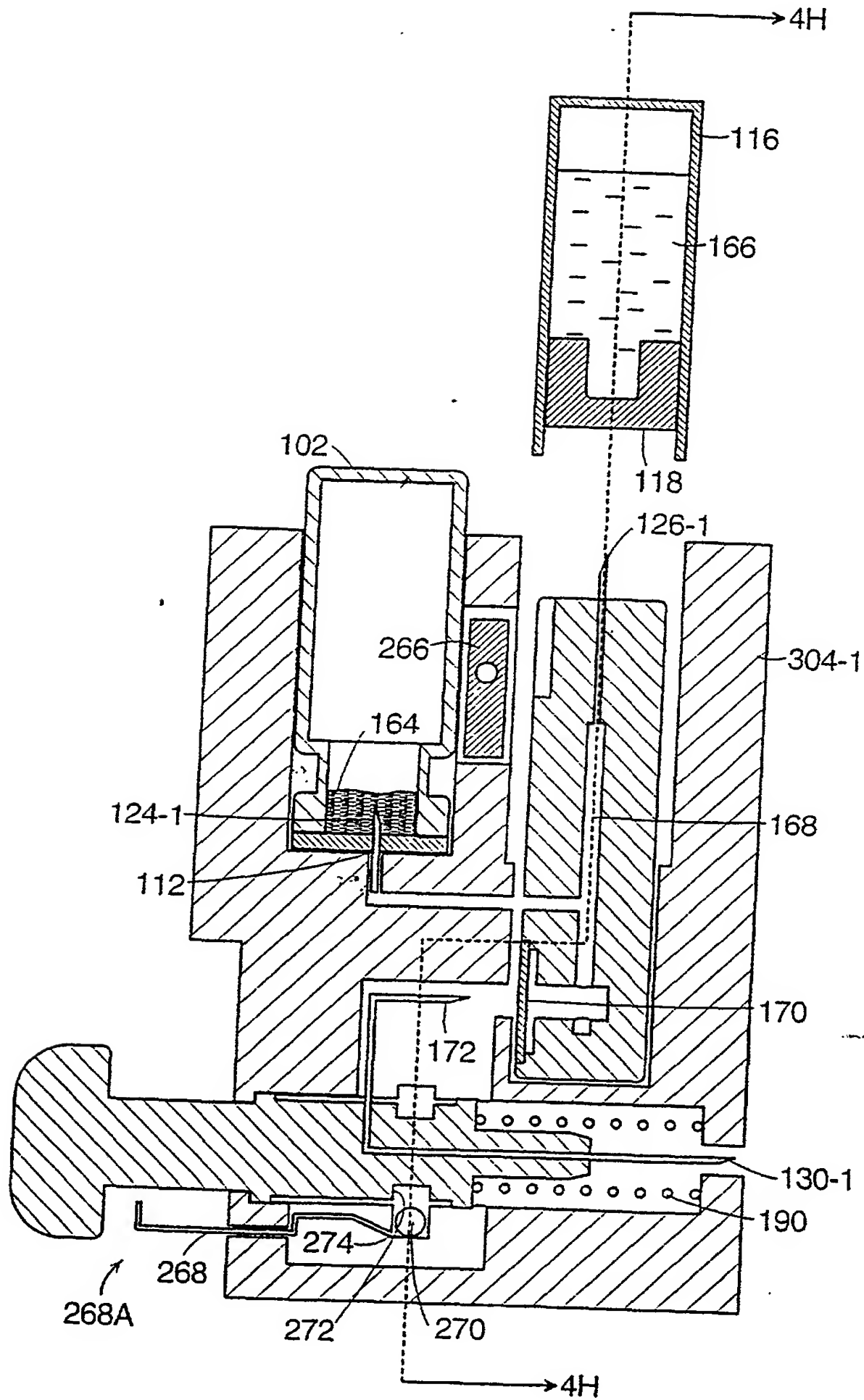


Figure 4G

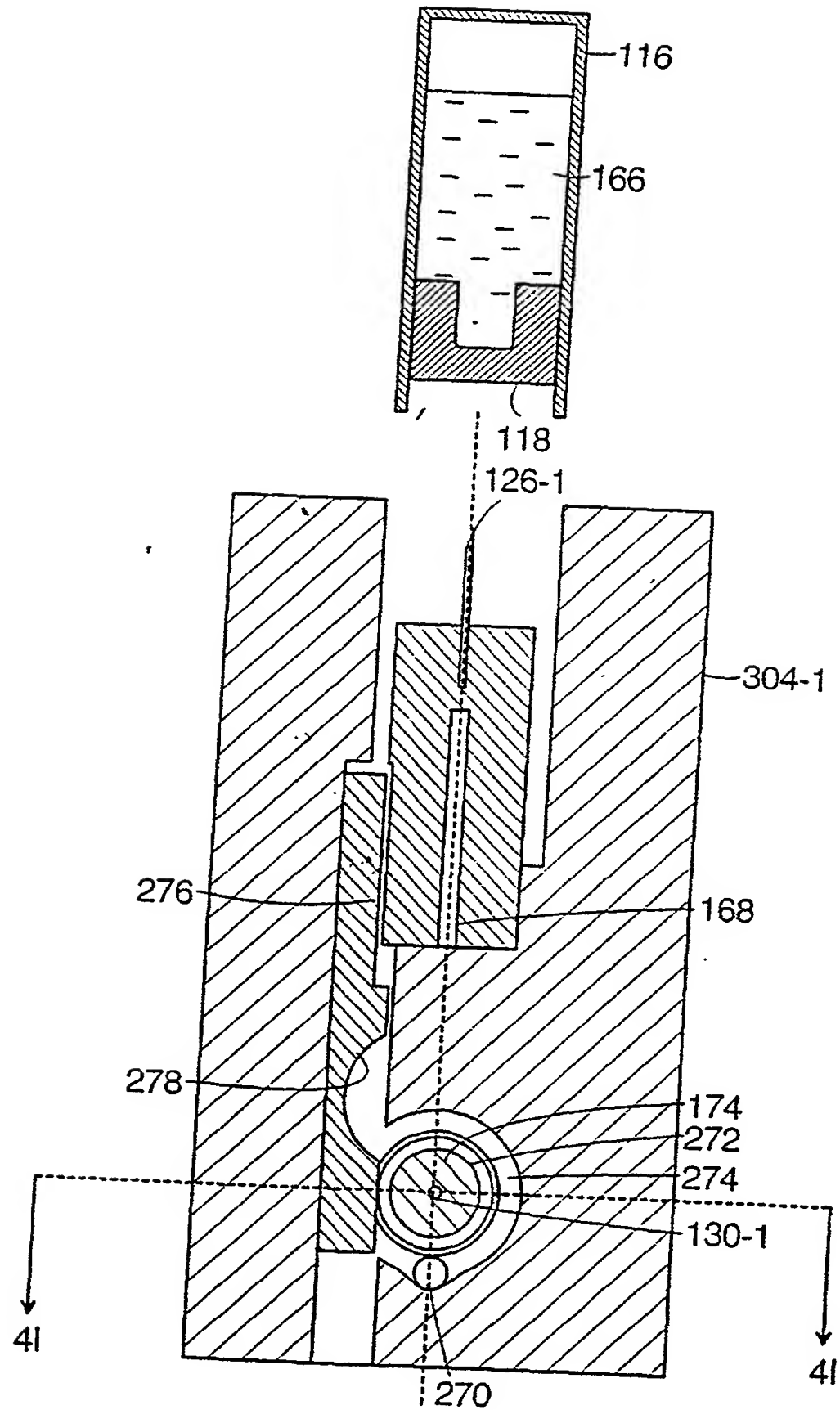


Figure 4H

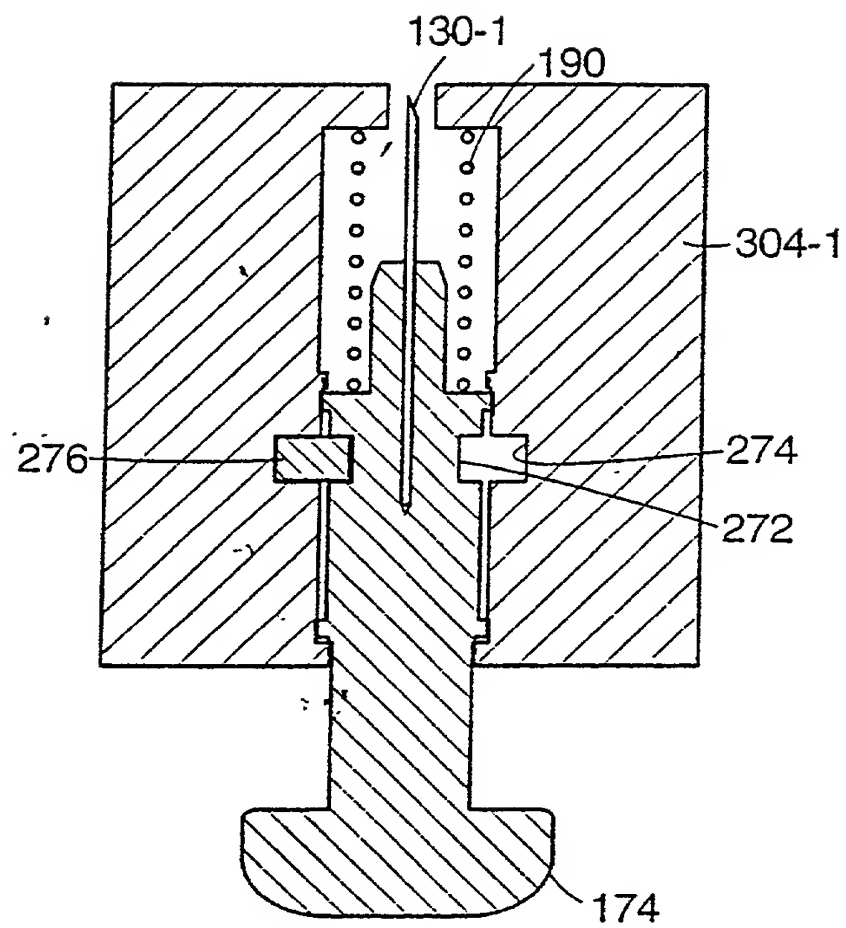


Figure 4I

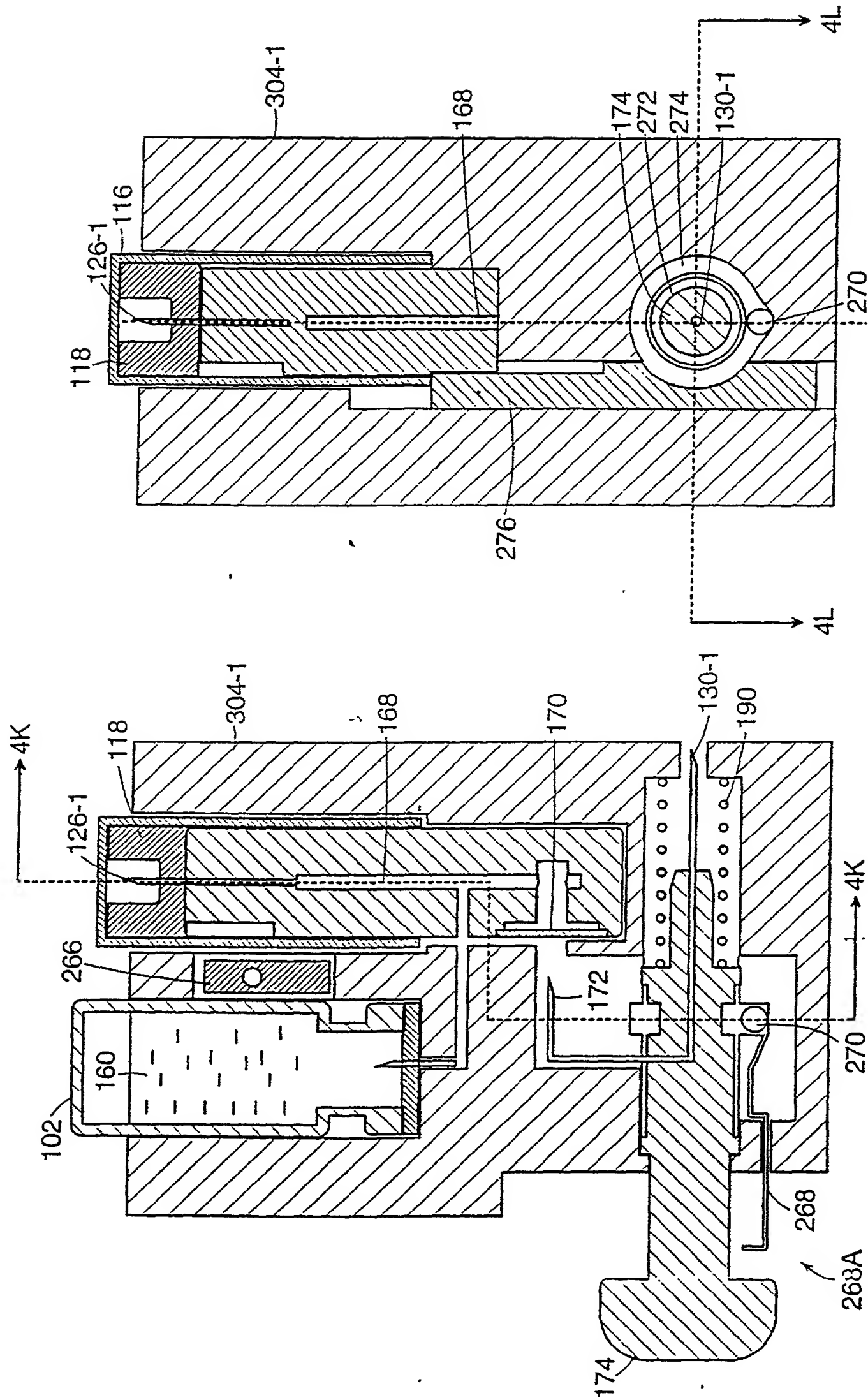


Figure 4K

Figure 4J

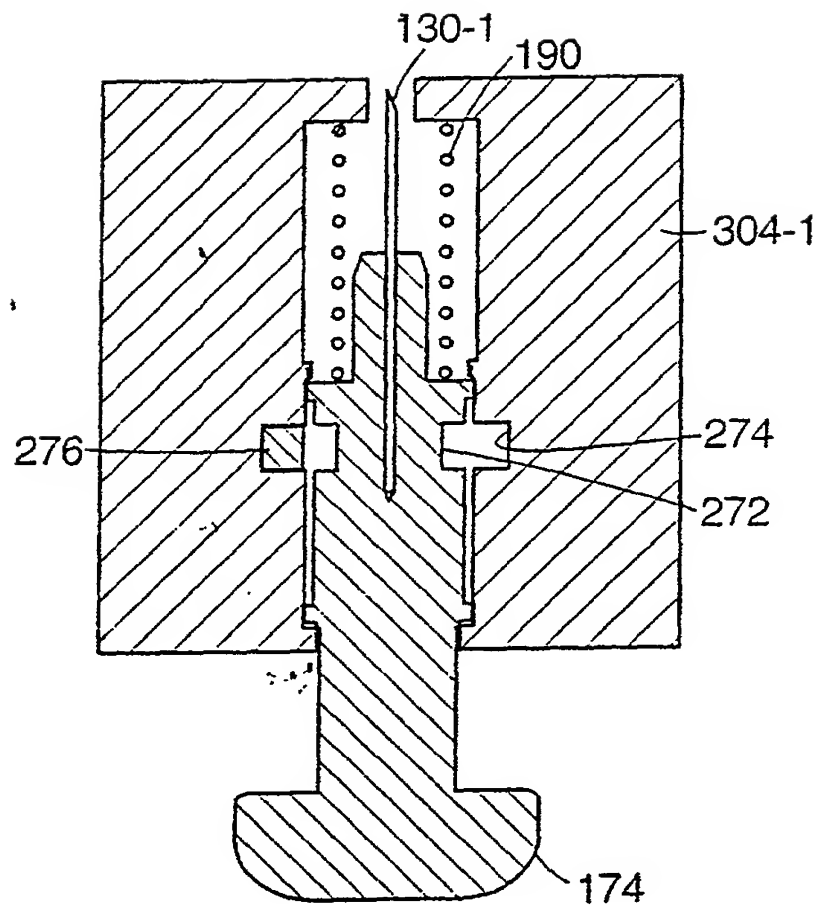


Figure 4L



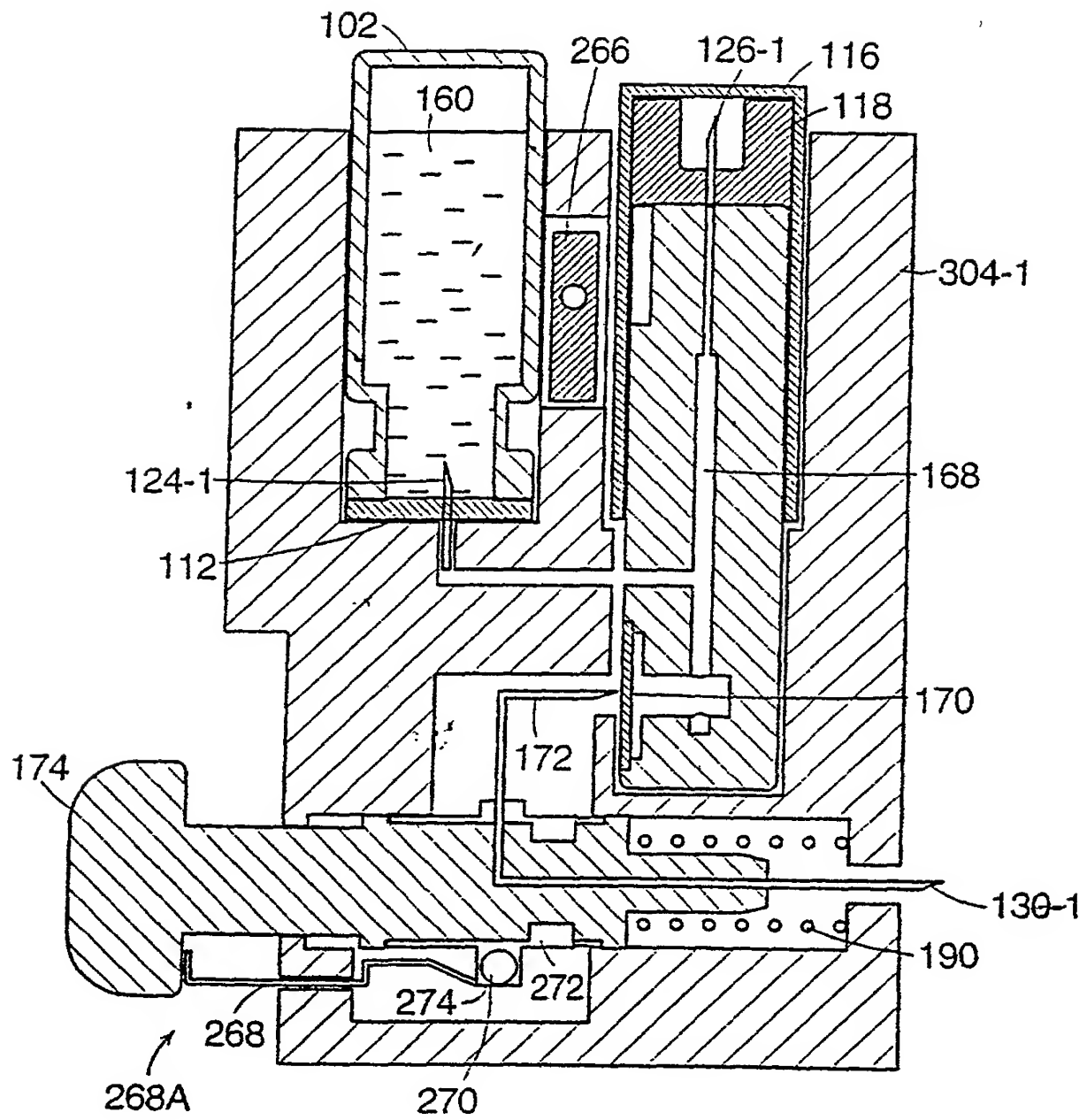


Figure 4M

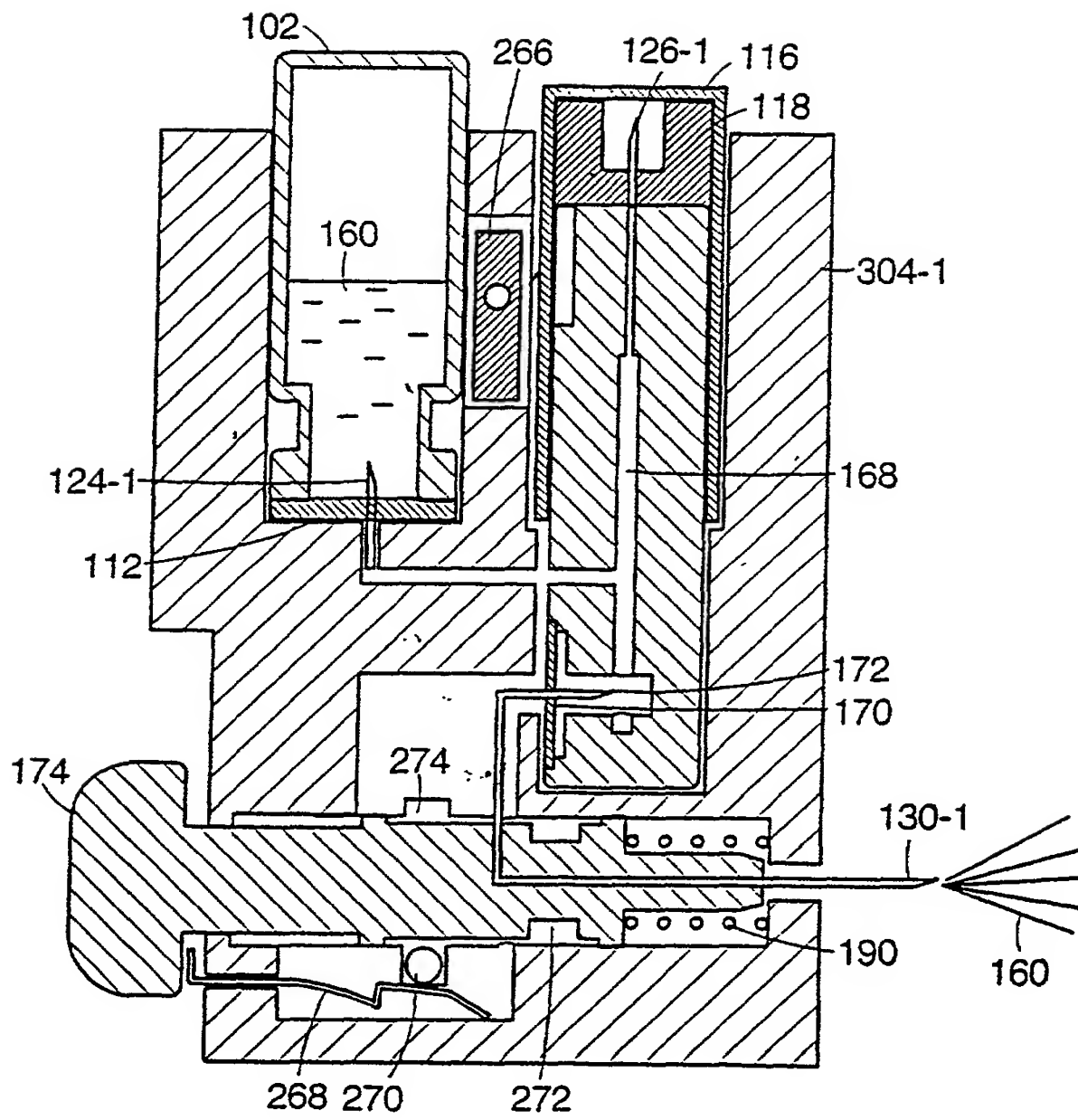


Figure 4N

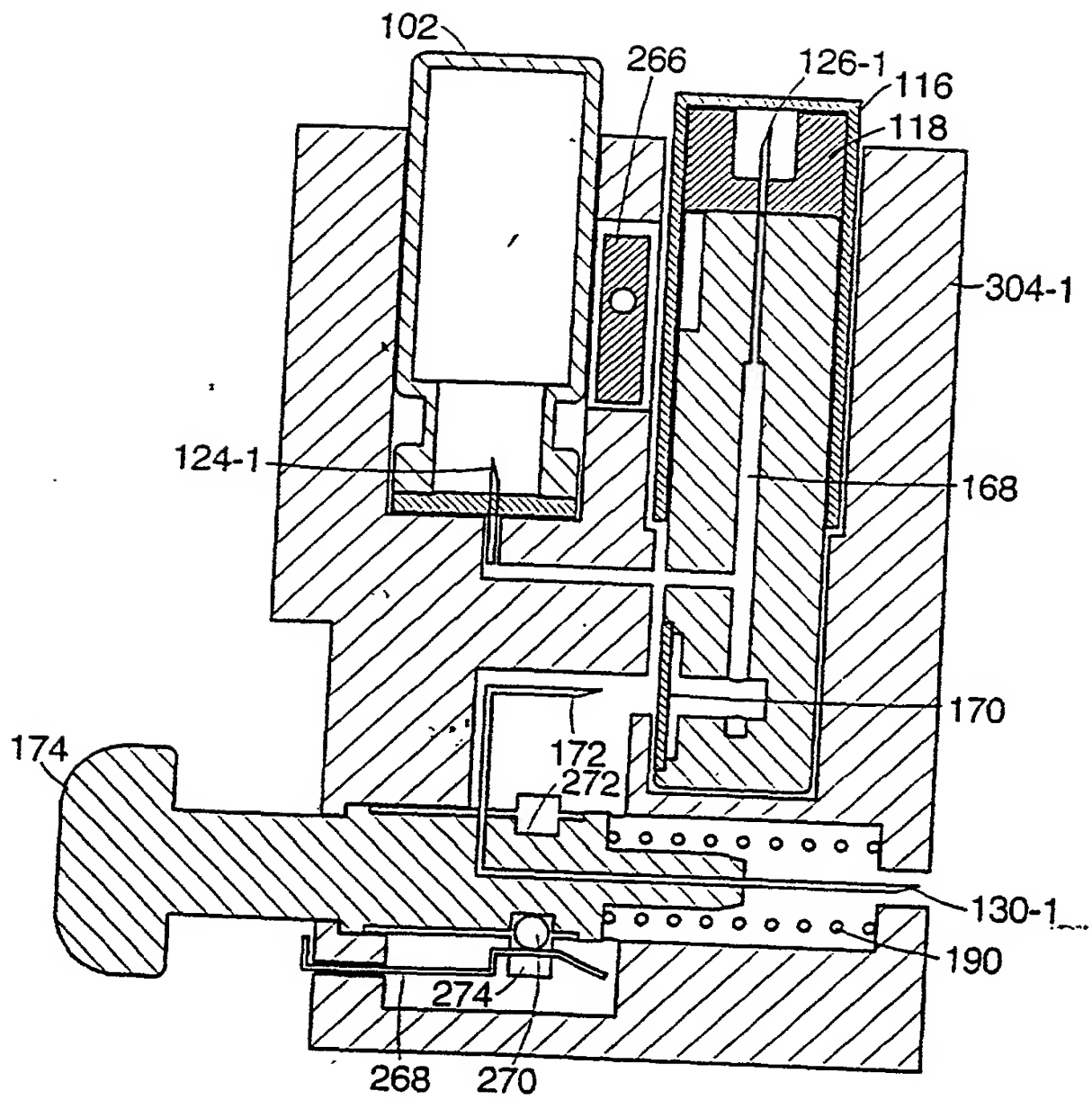


Figure 40

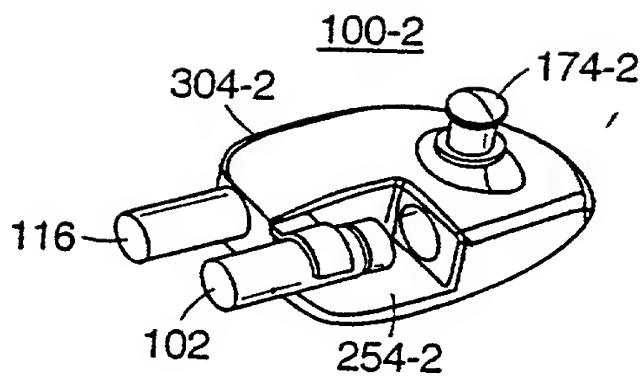


Figure 5A

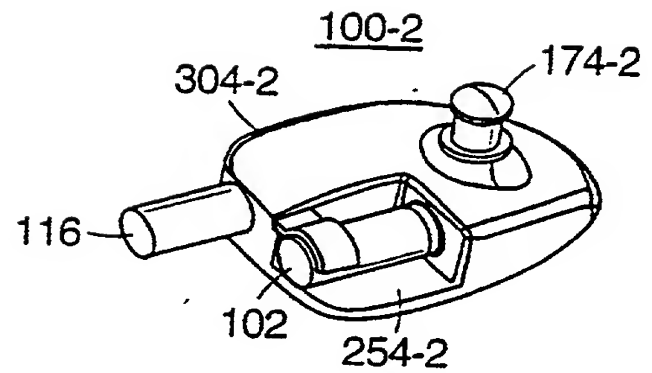


Figure 5B

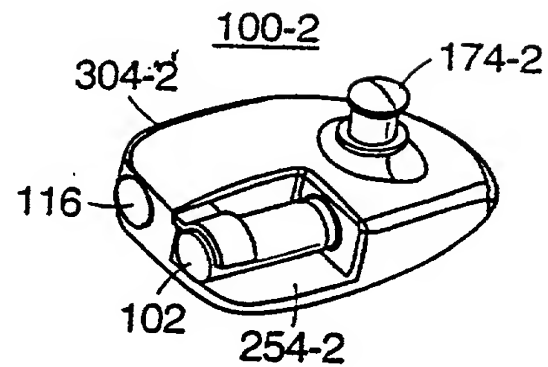


Figure 5C

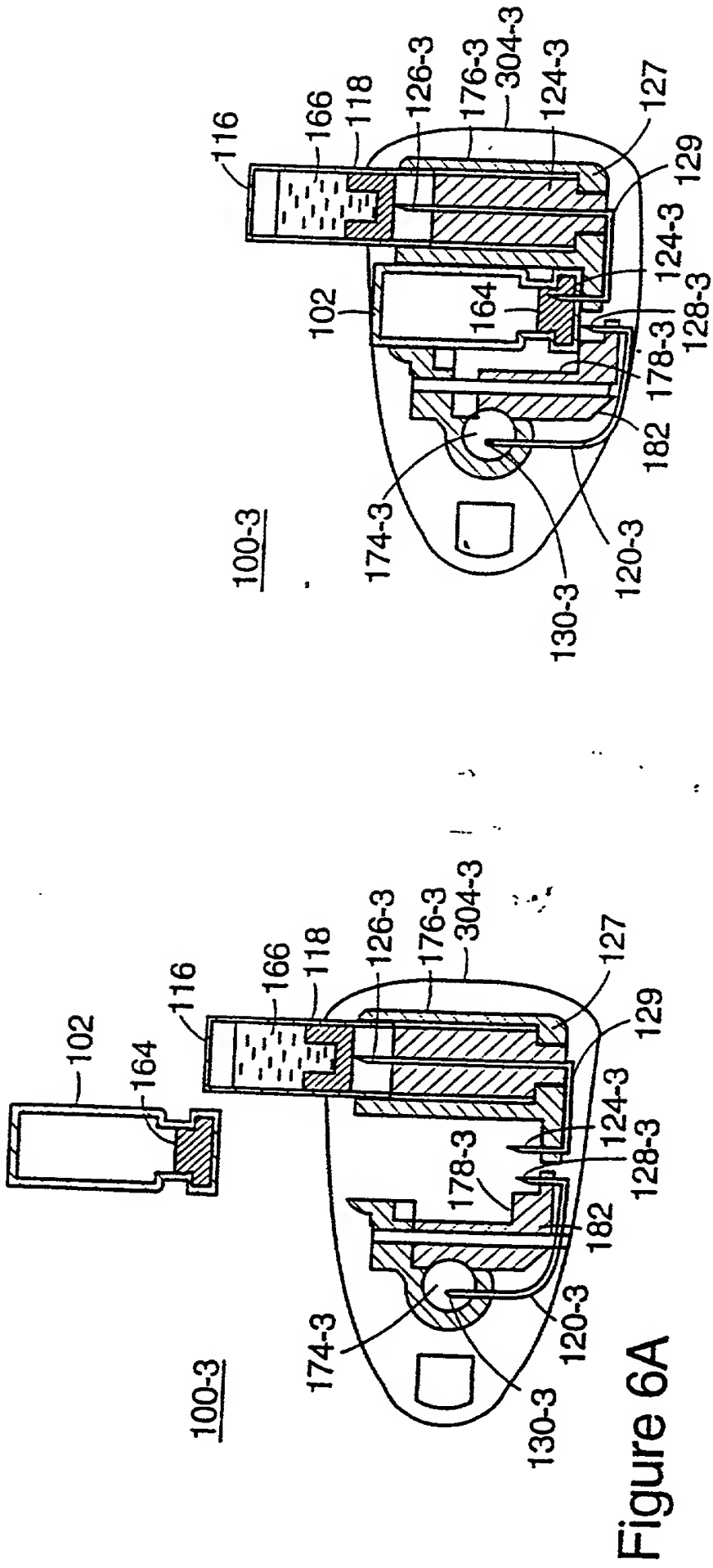


Figure 6B

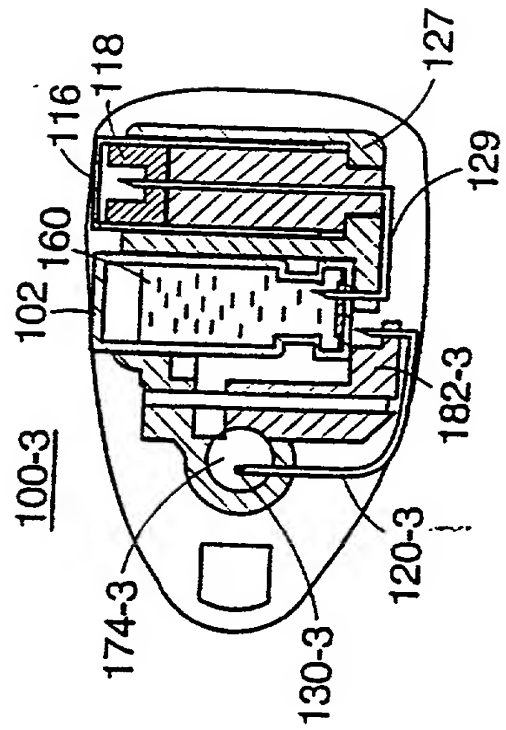


Figure 6C

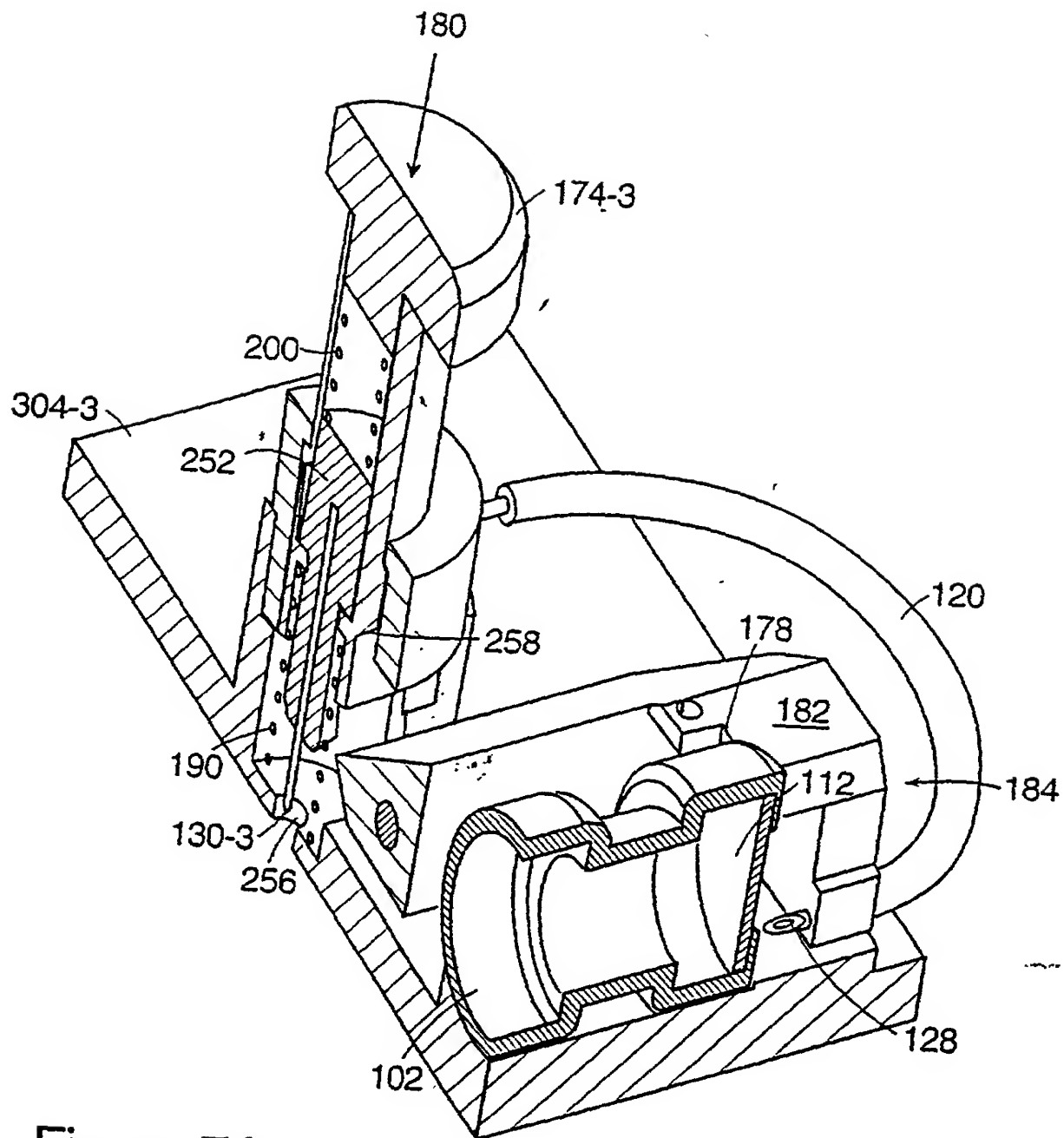


Figure 7A

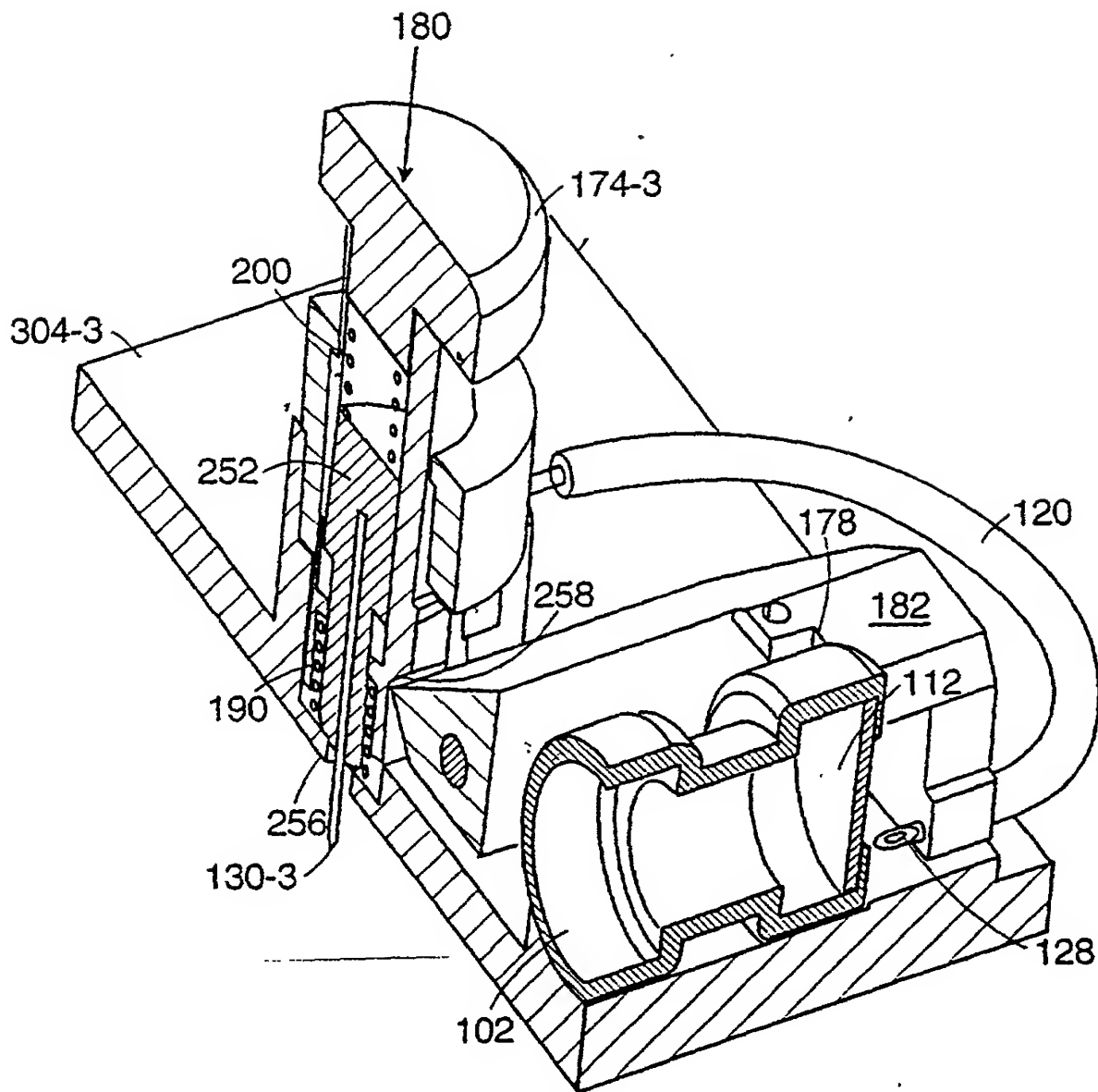


Figure 7B

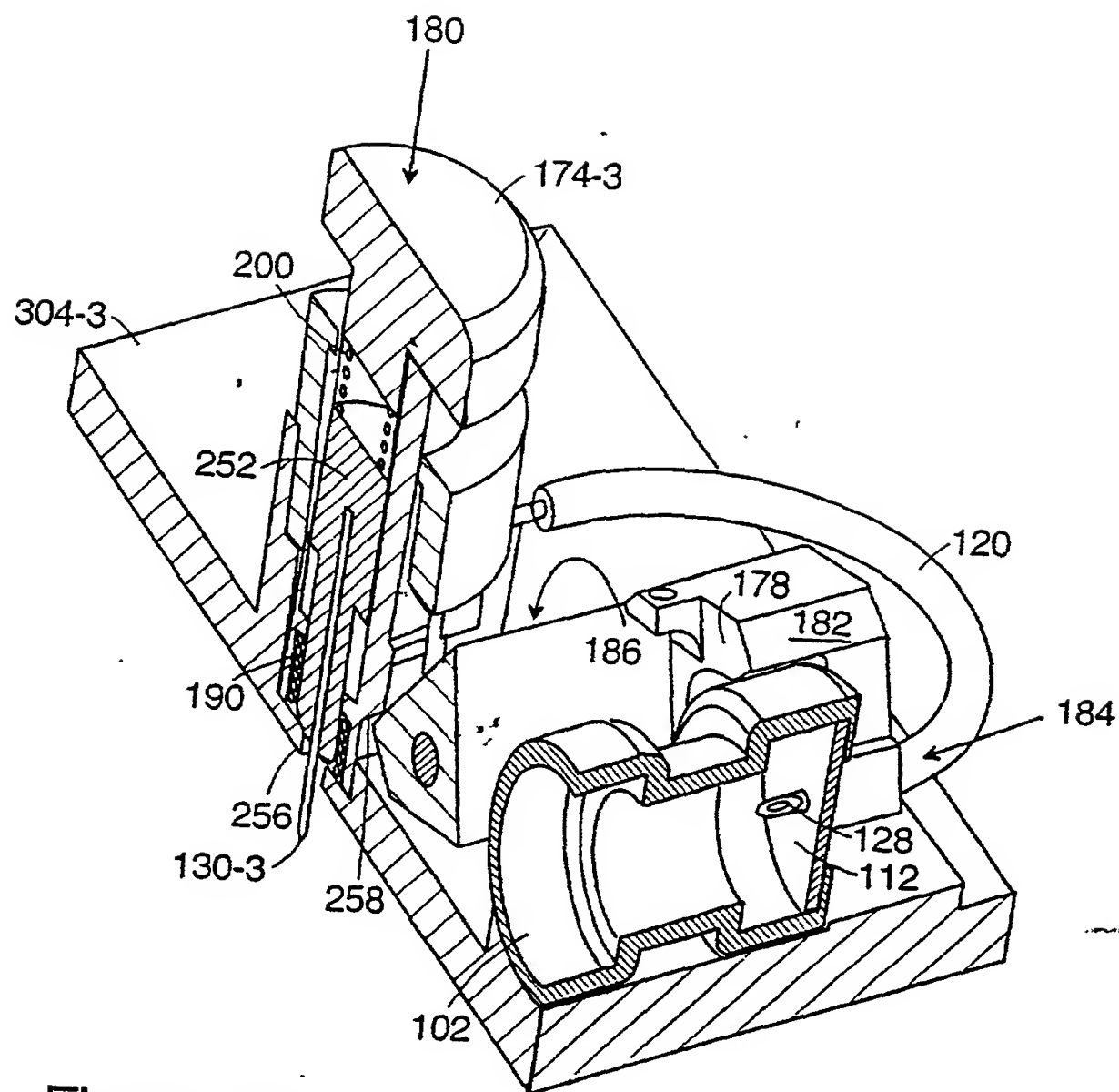


Figure 7C



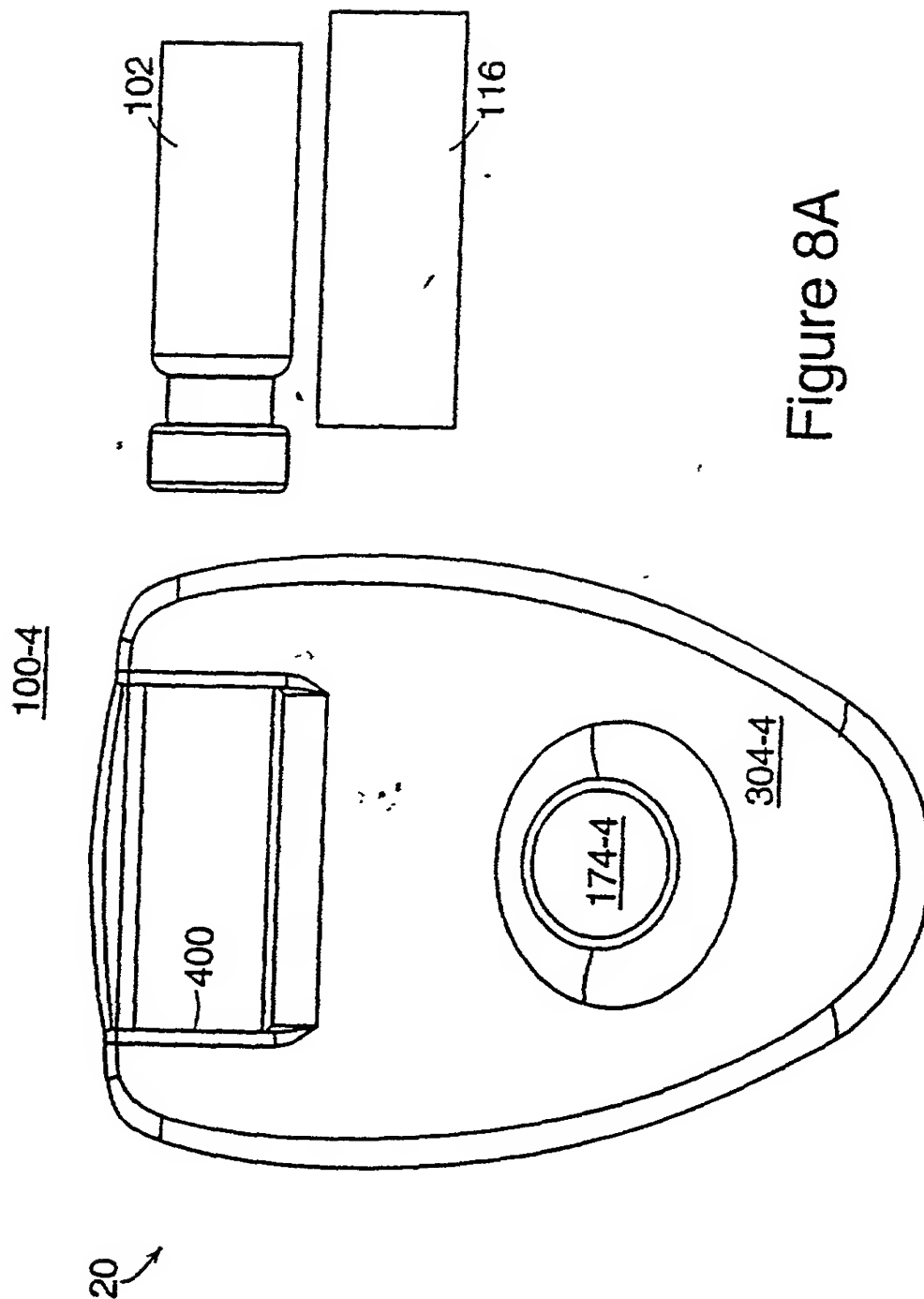


Figure 8A

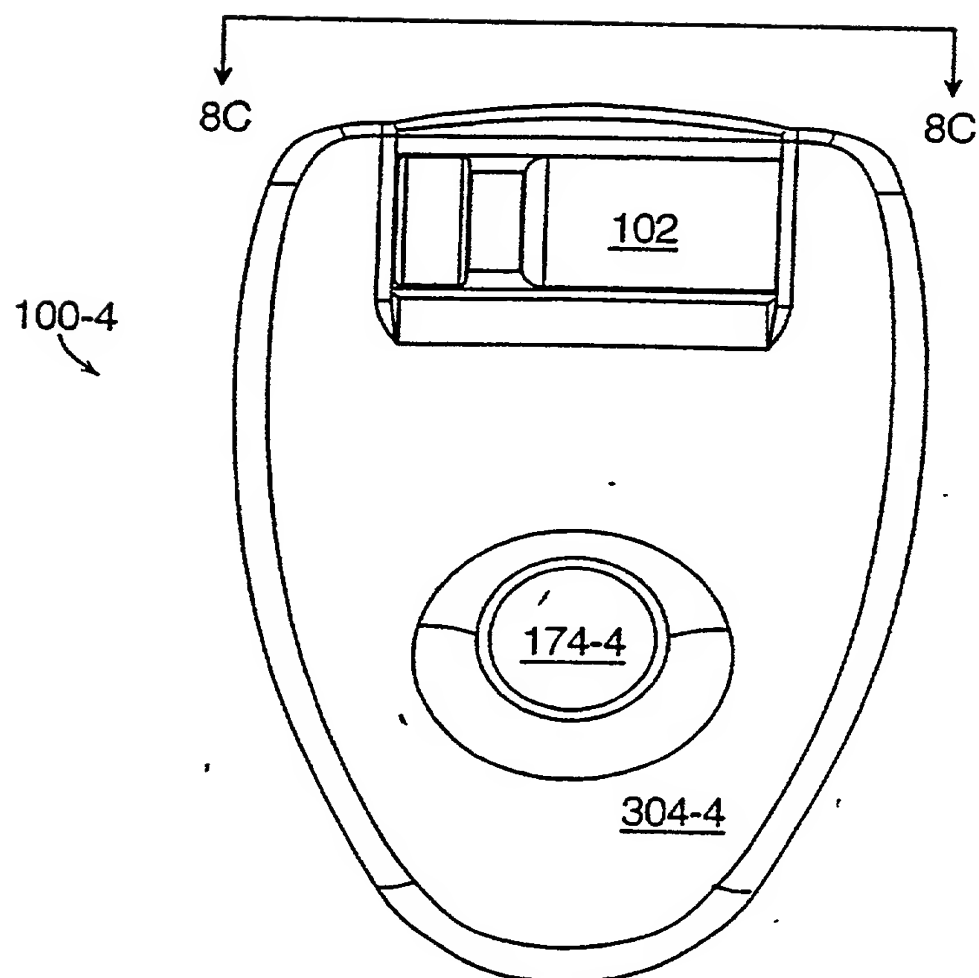


Figure 8B

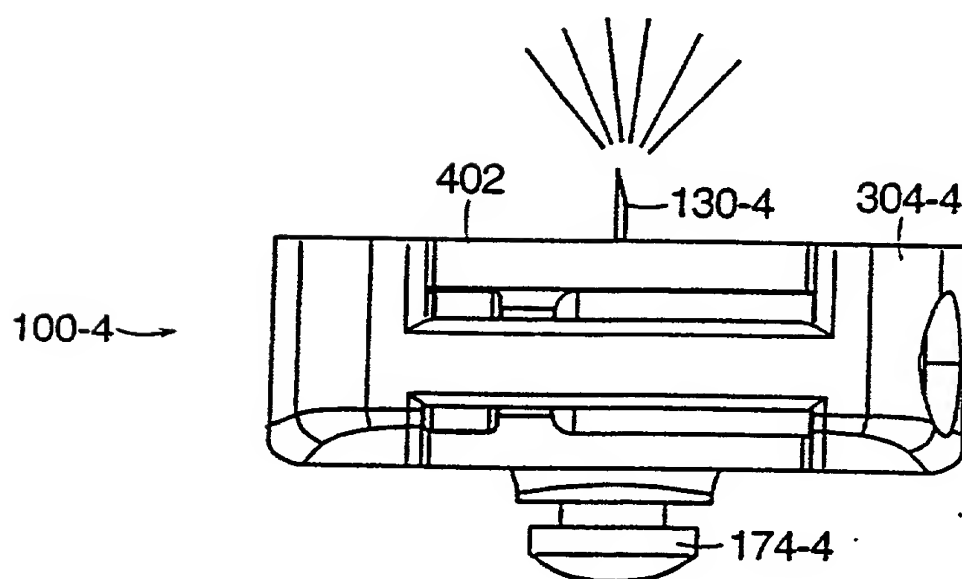


Figure 8C

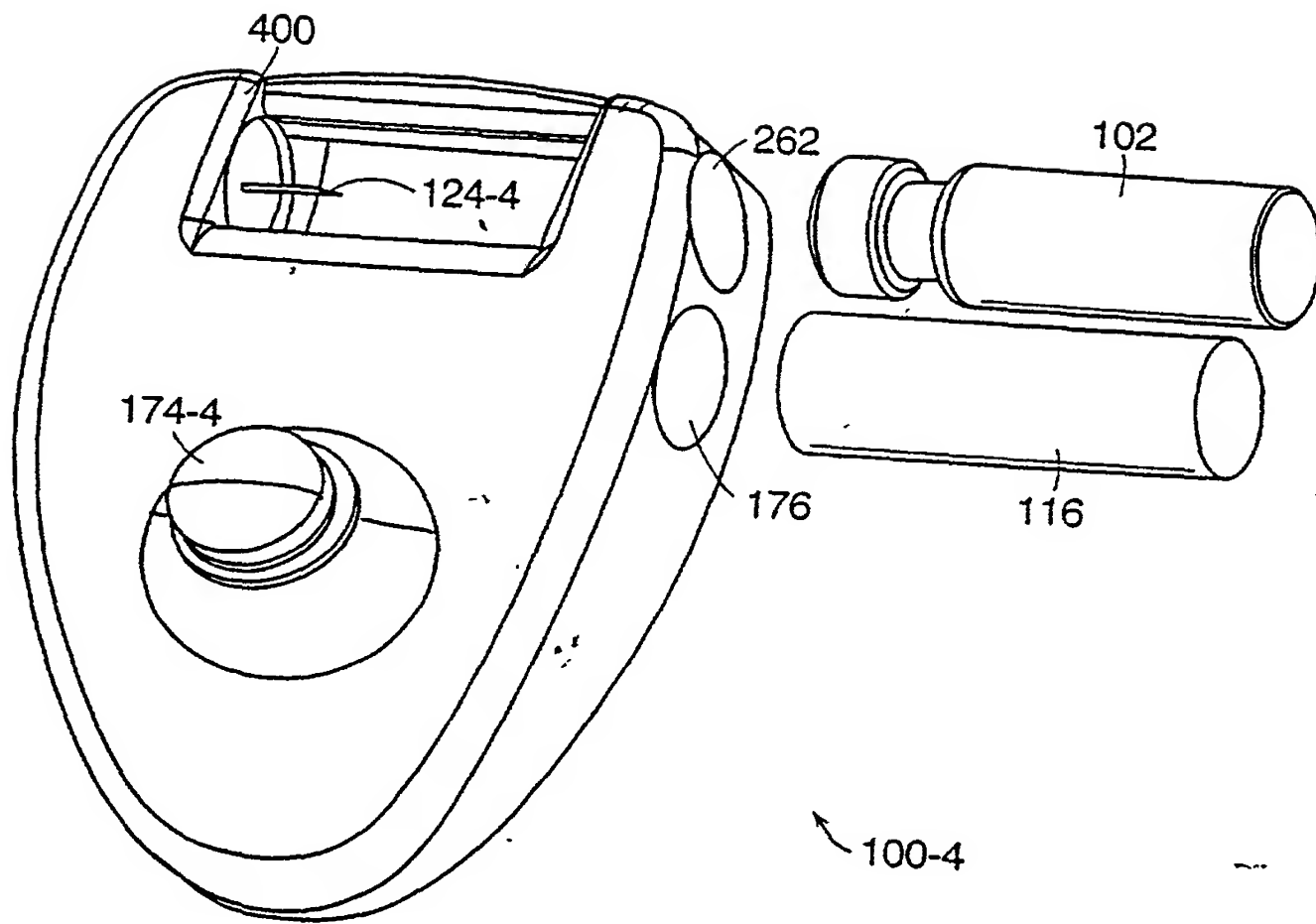


Figure 8D

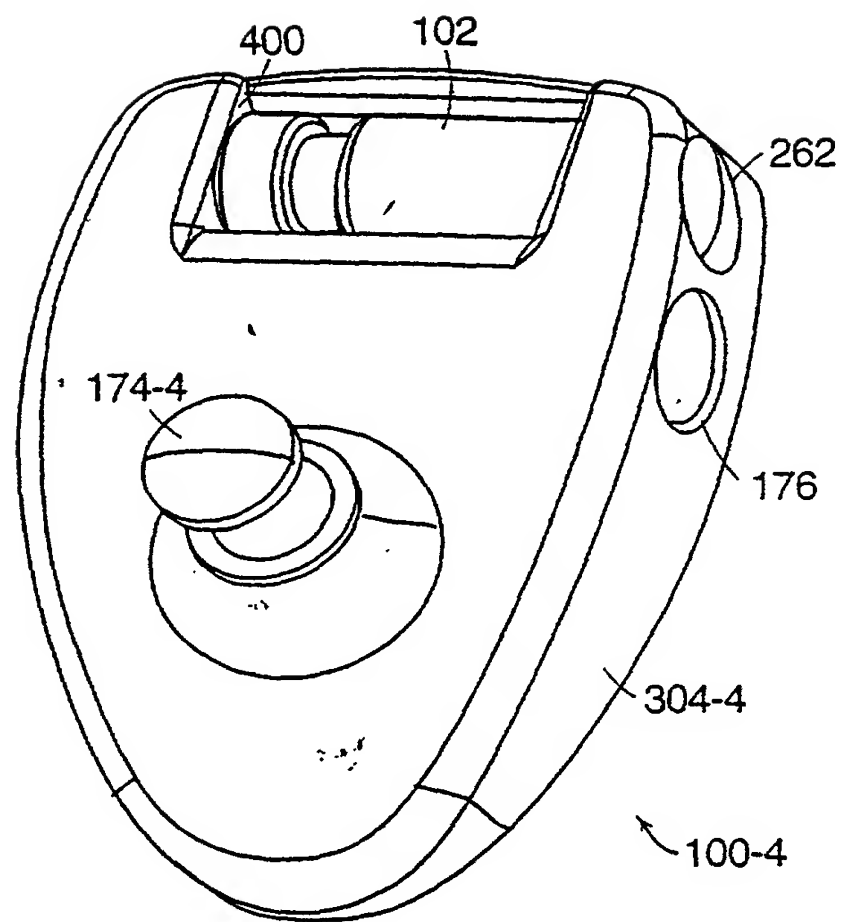


Figure 8E

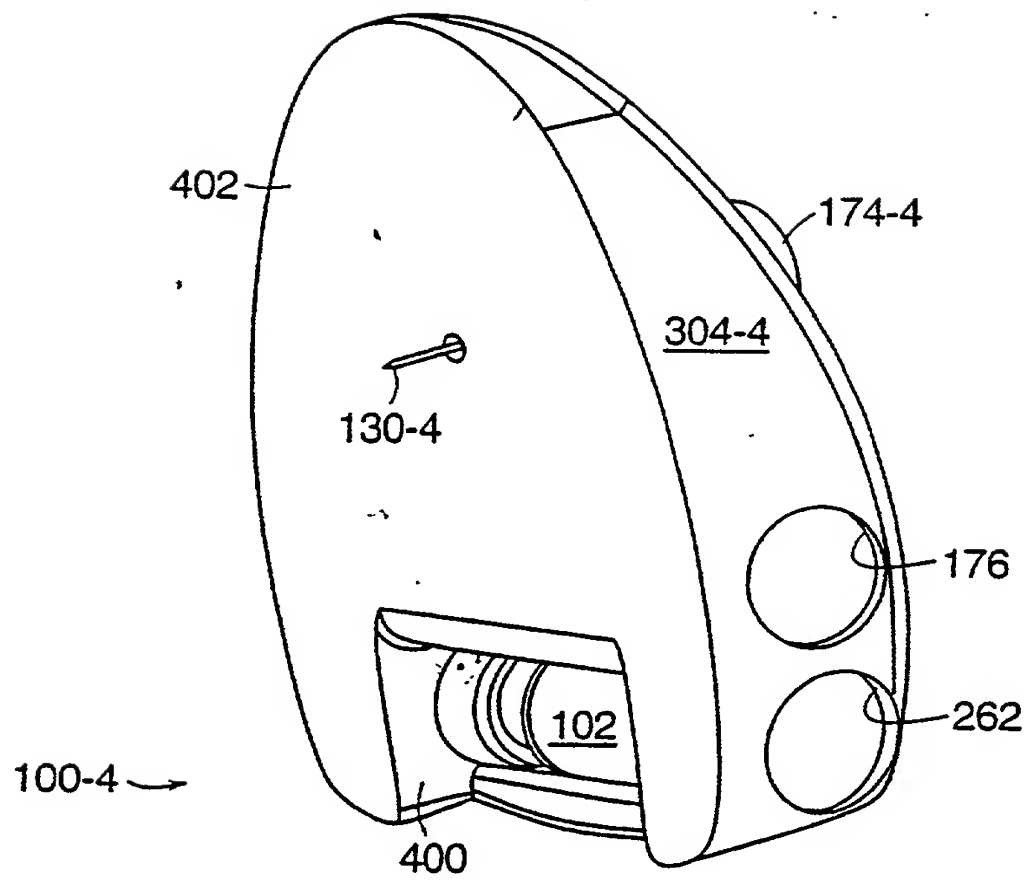


Figure 8F

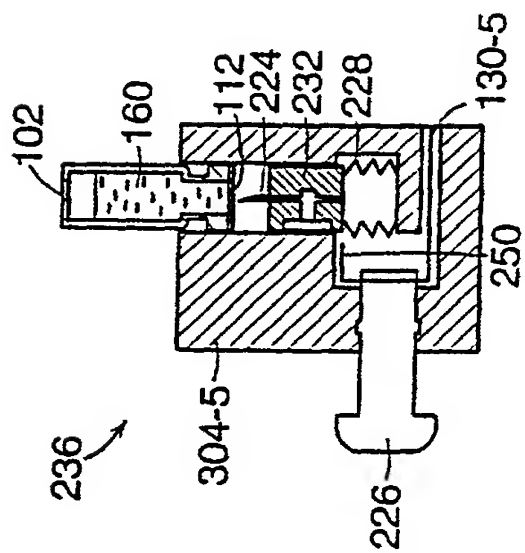


Figure 9A

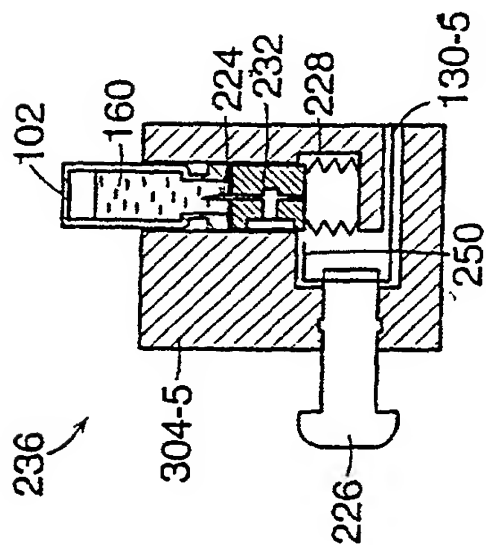


Figure 9B

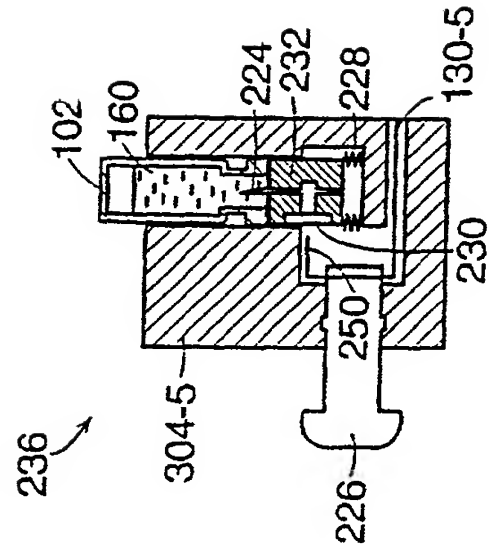


Figure 9C

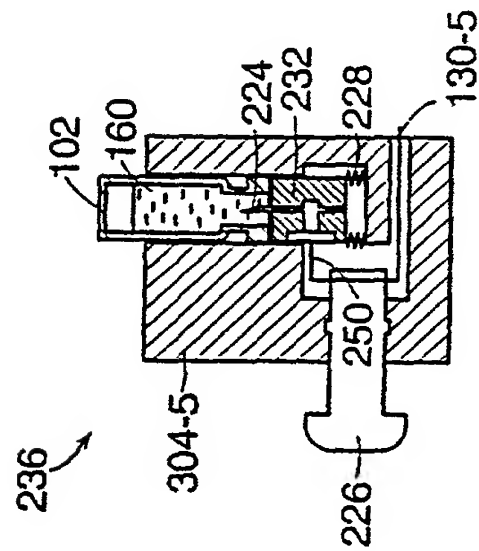


Figure 9D

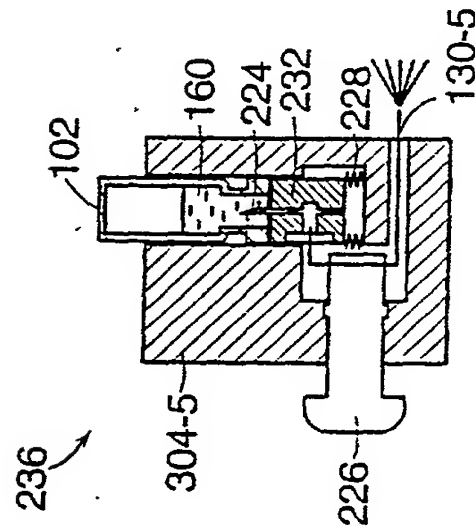


Figure 9E

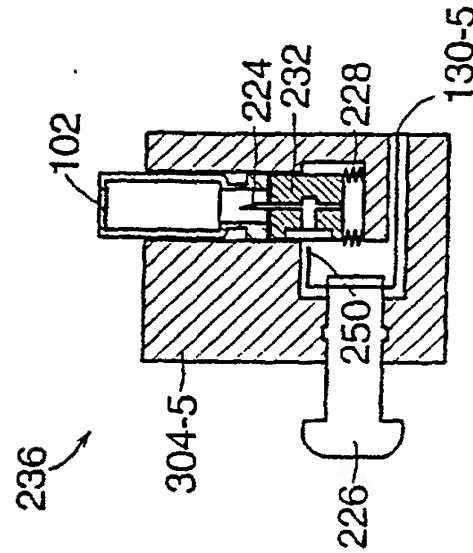


Figure 9F

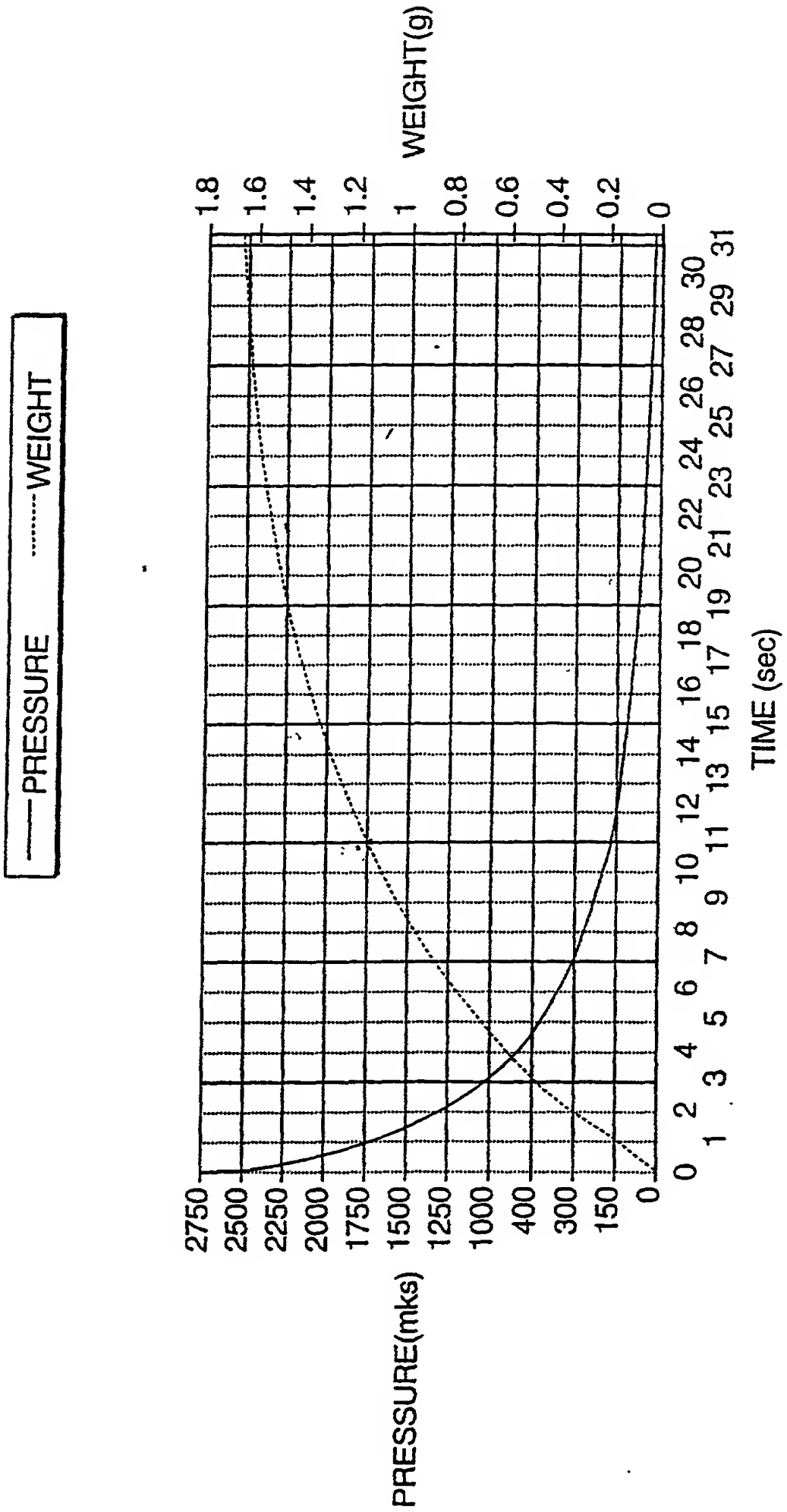


Figure 10A

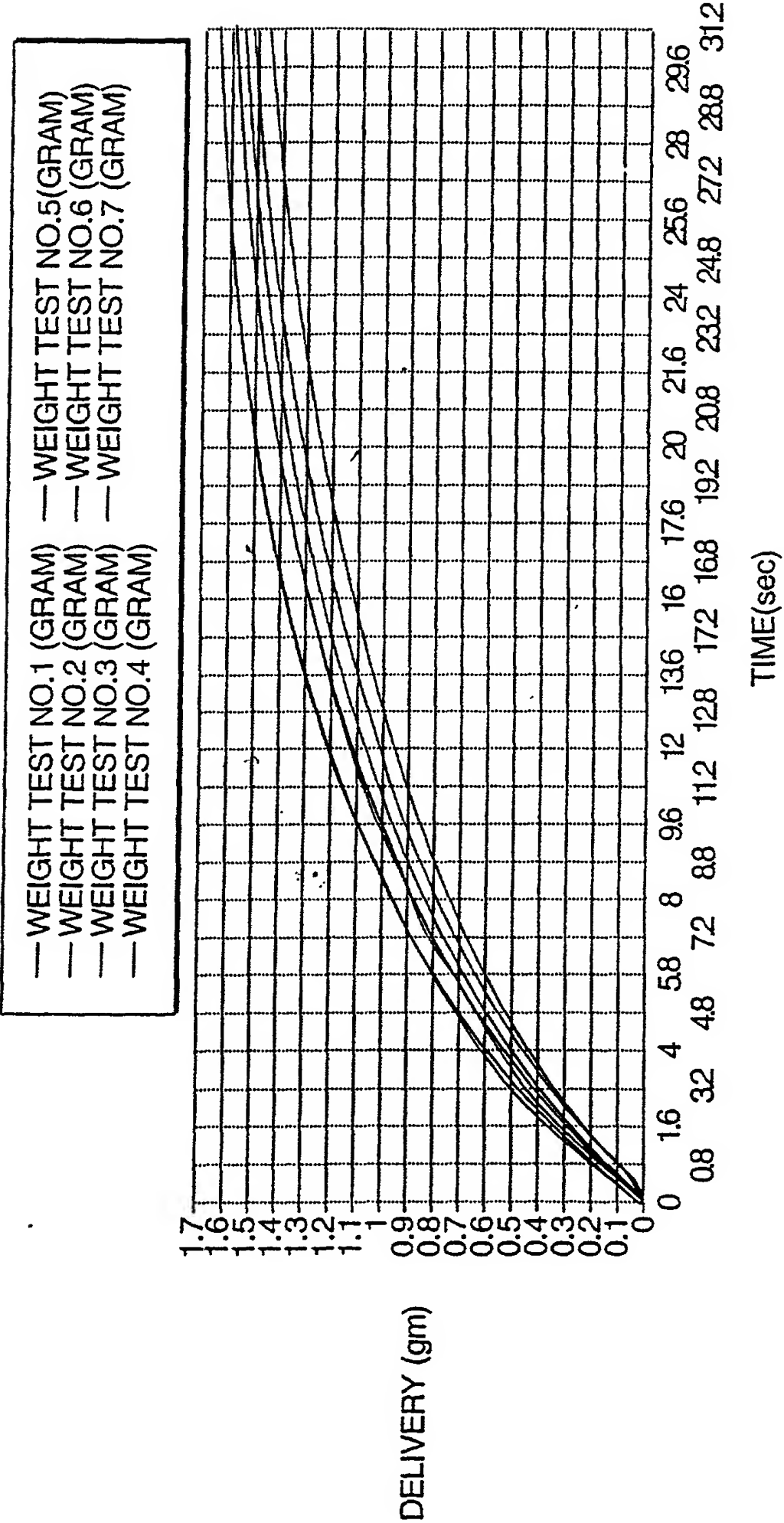


Figure 10B



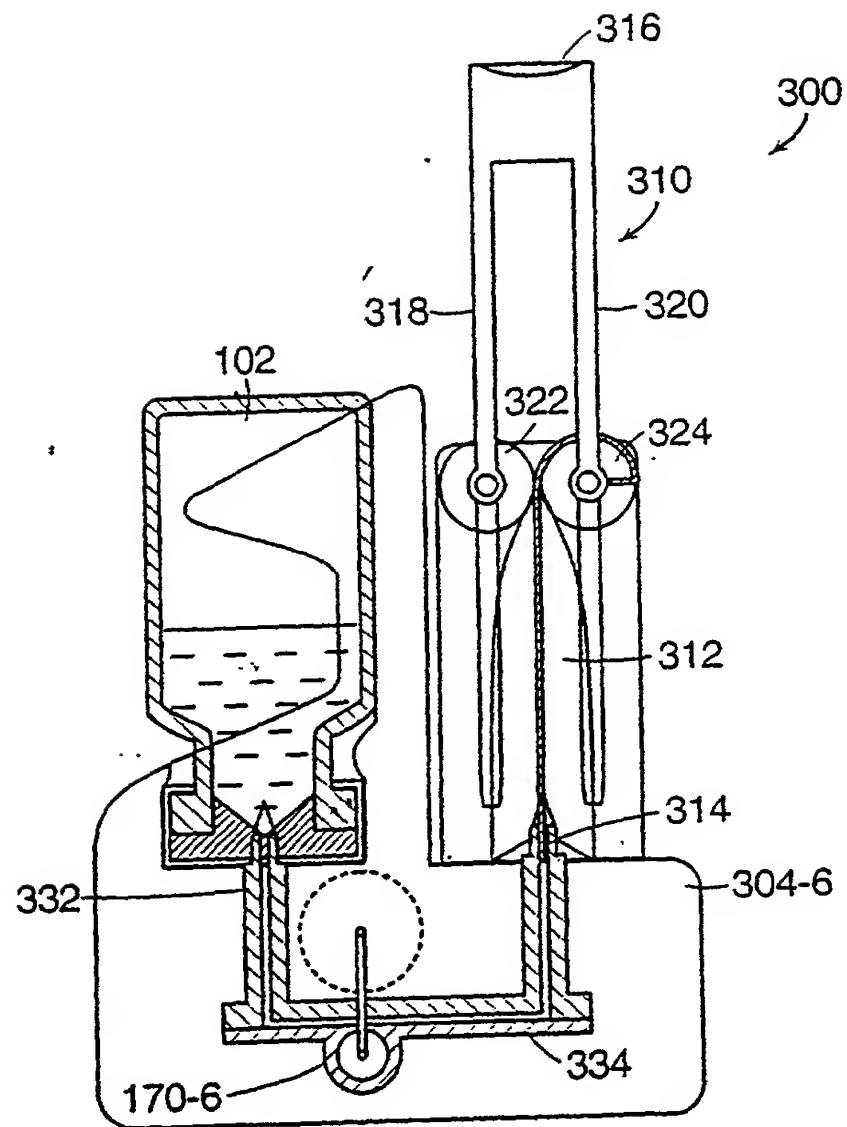


Figure 11A

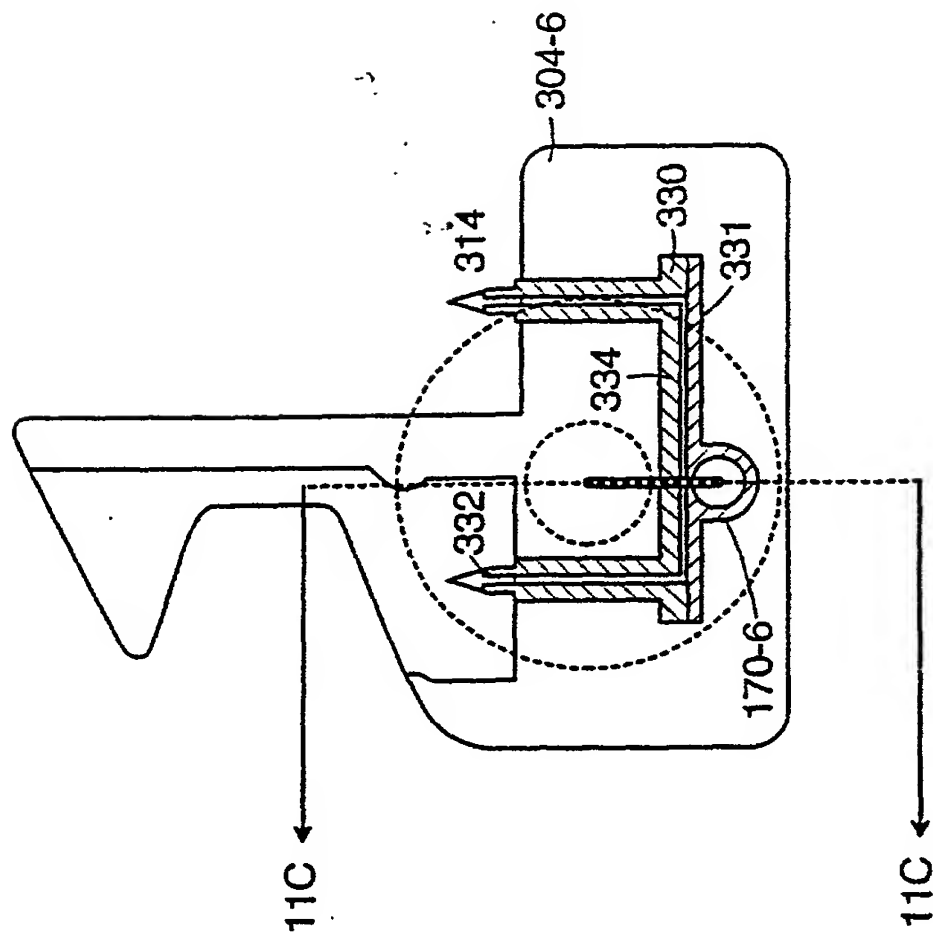


Figure 11B

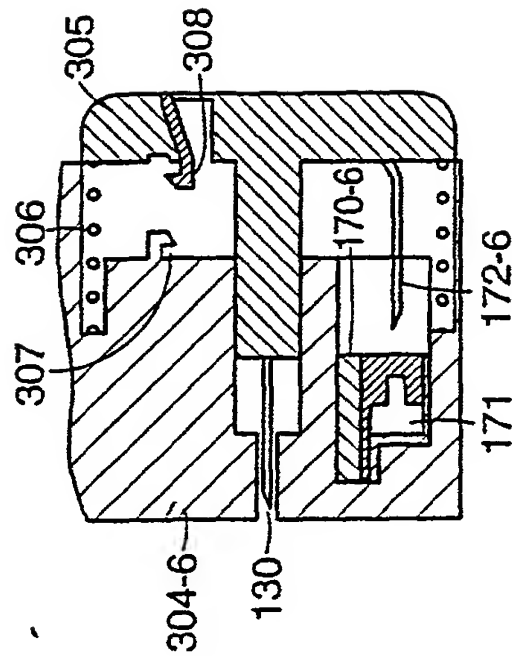


Figure 11C

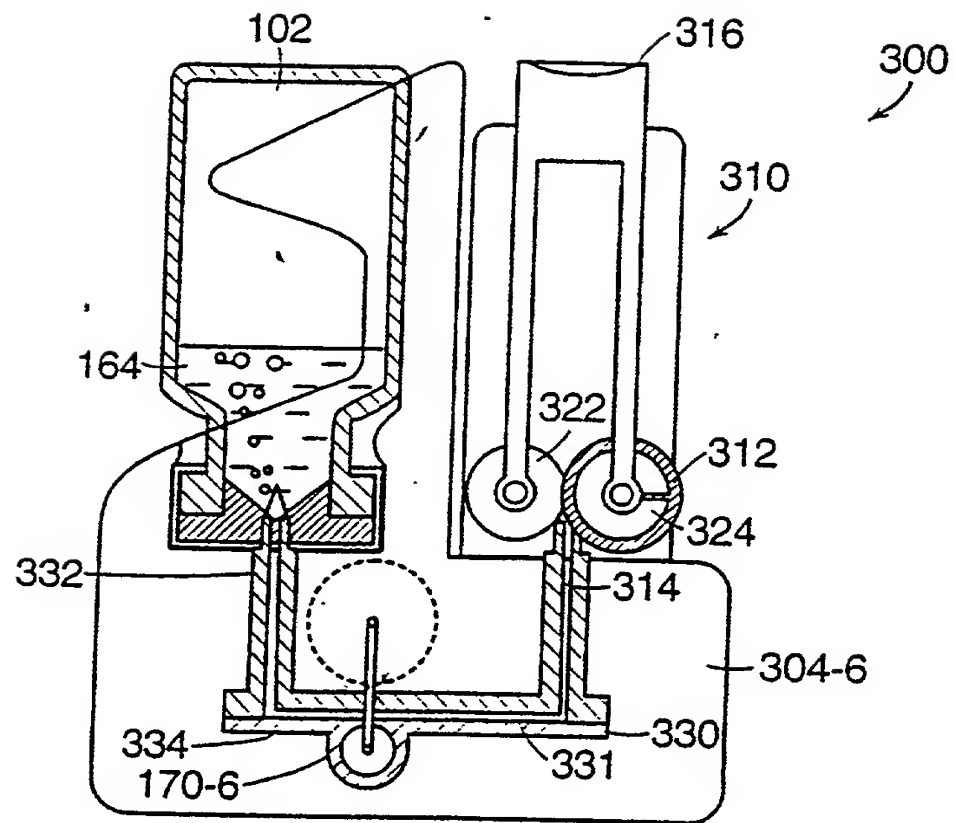


Figure 11D

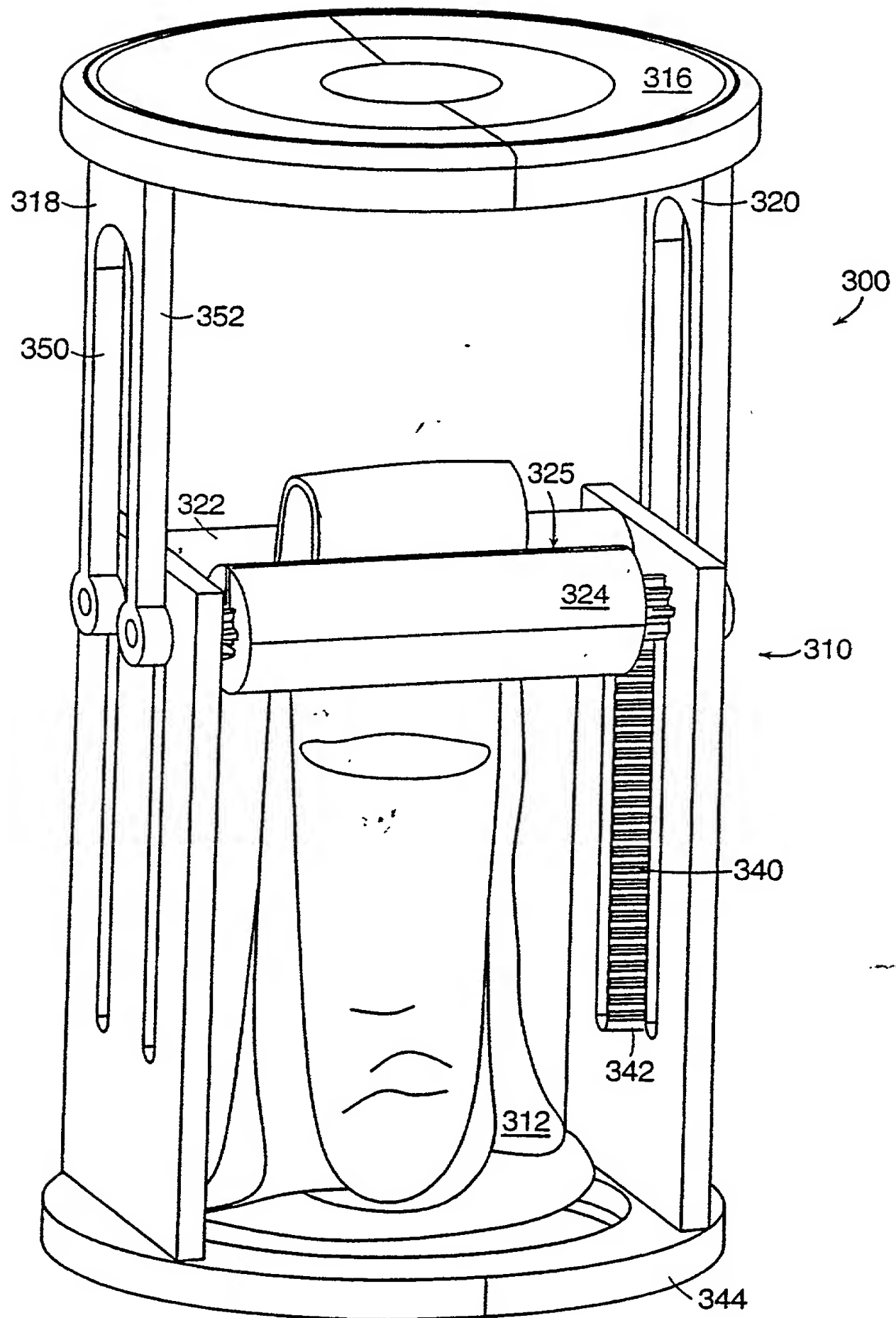


Figure 12A

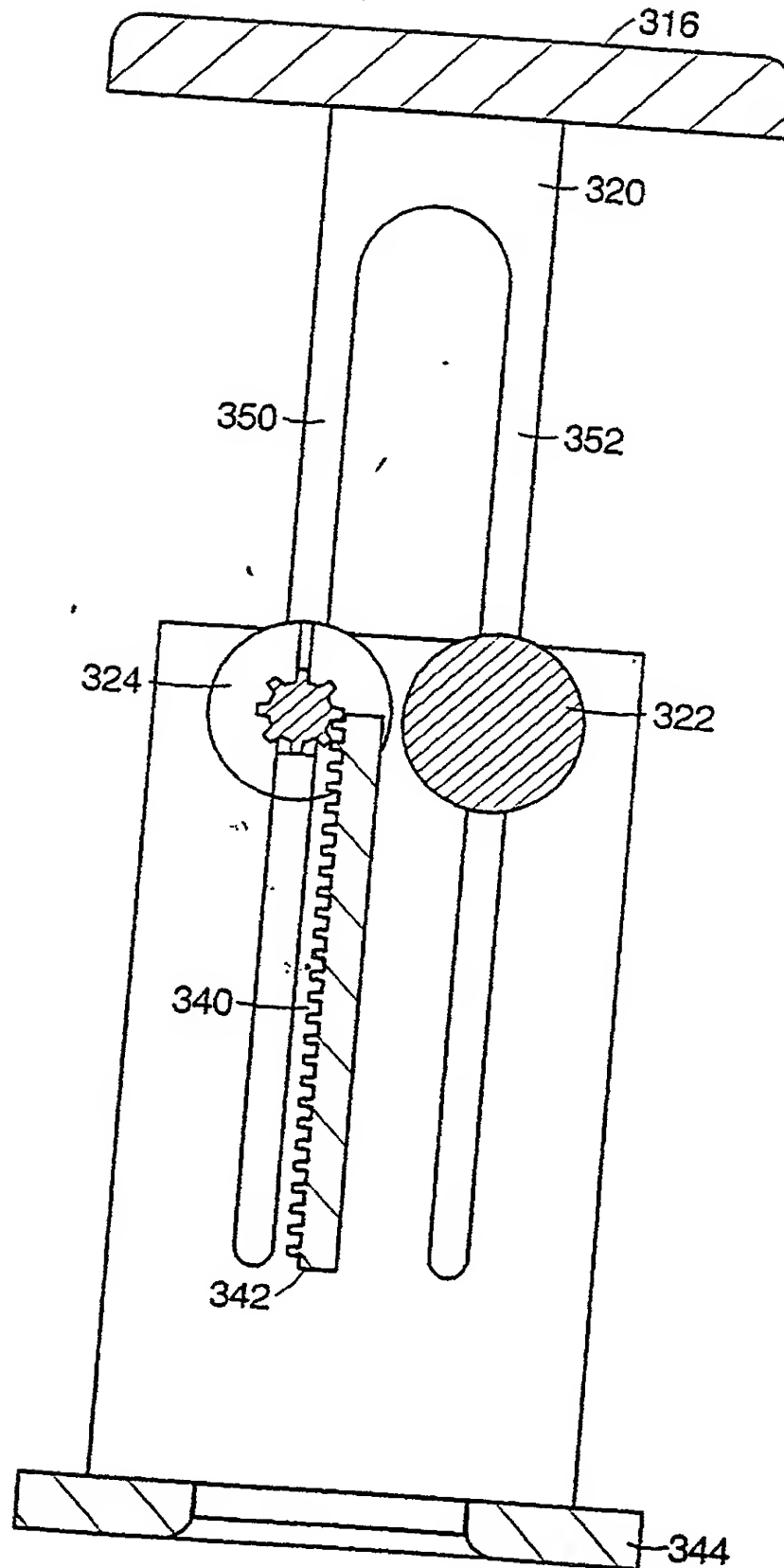
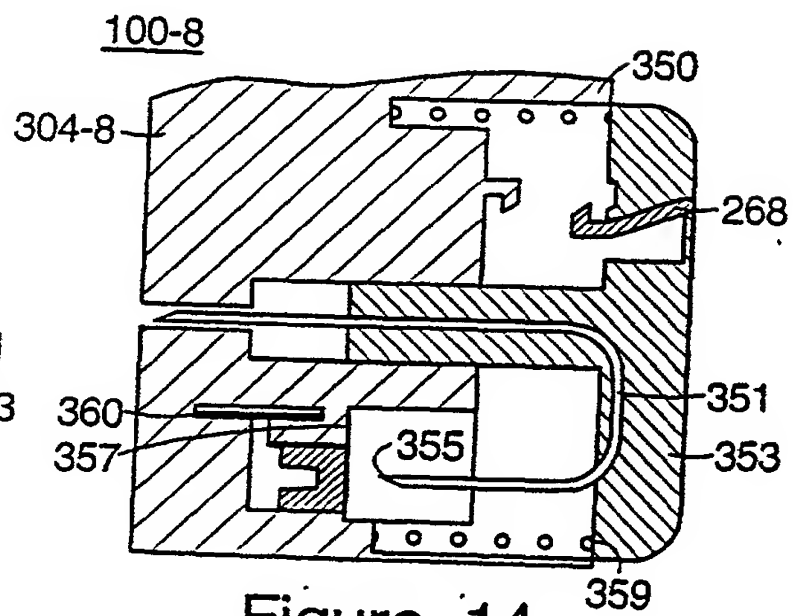
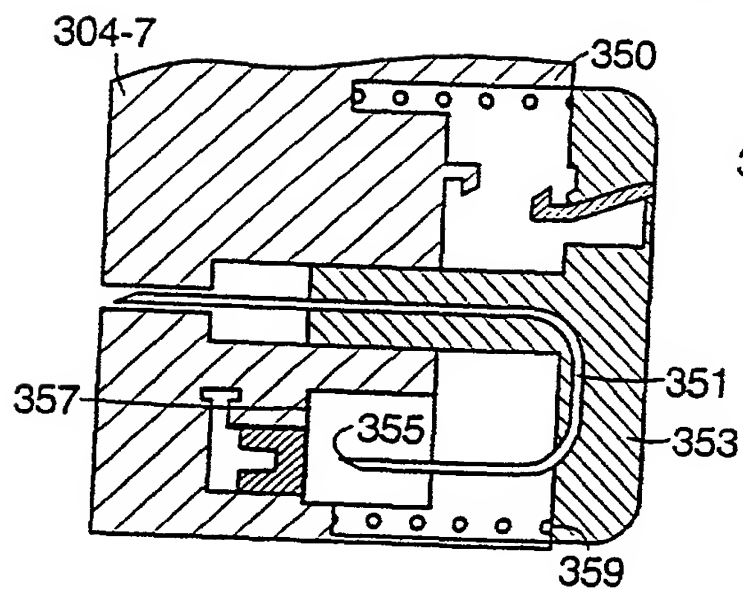
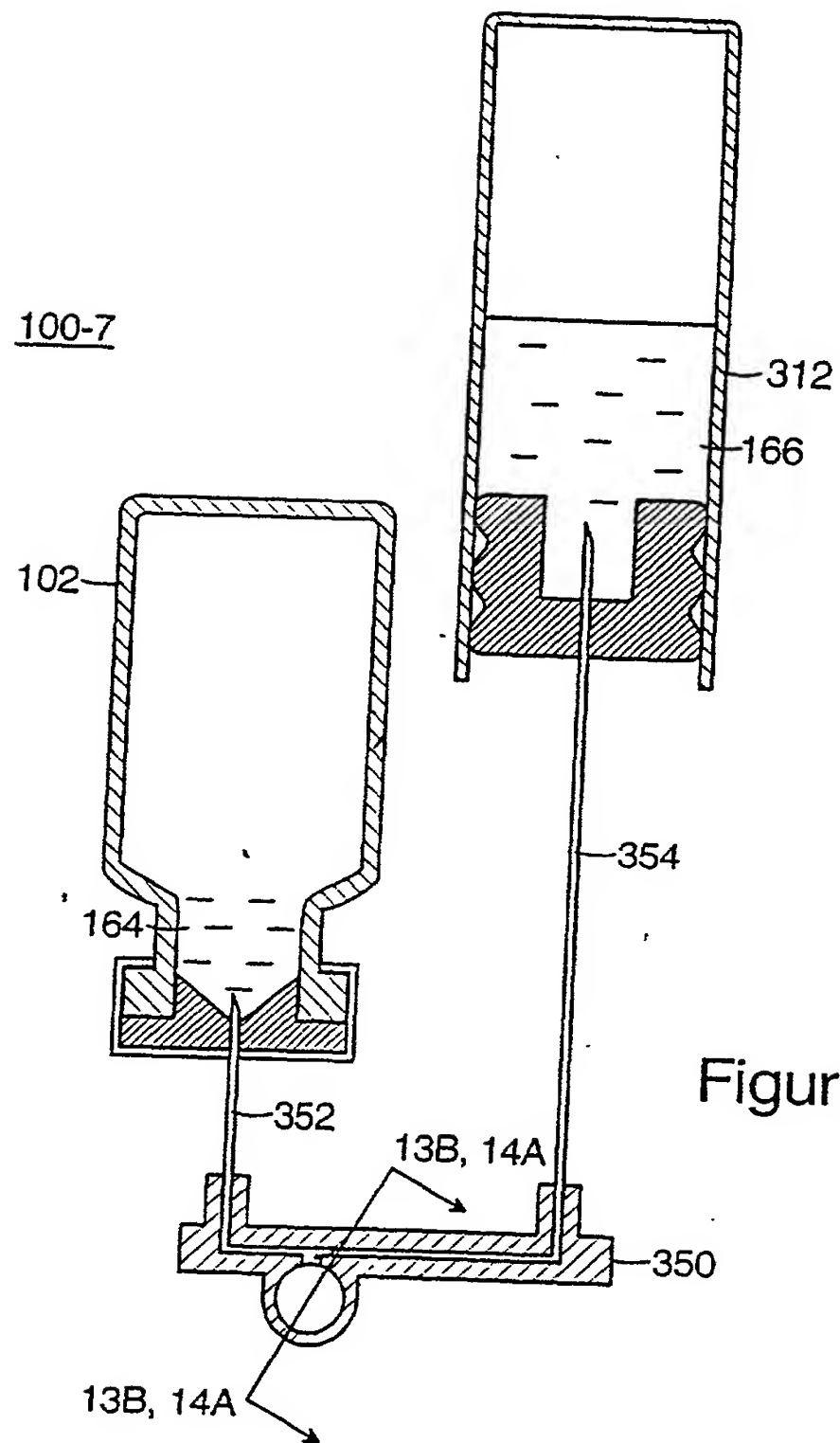


Figure 12B





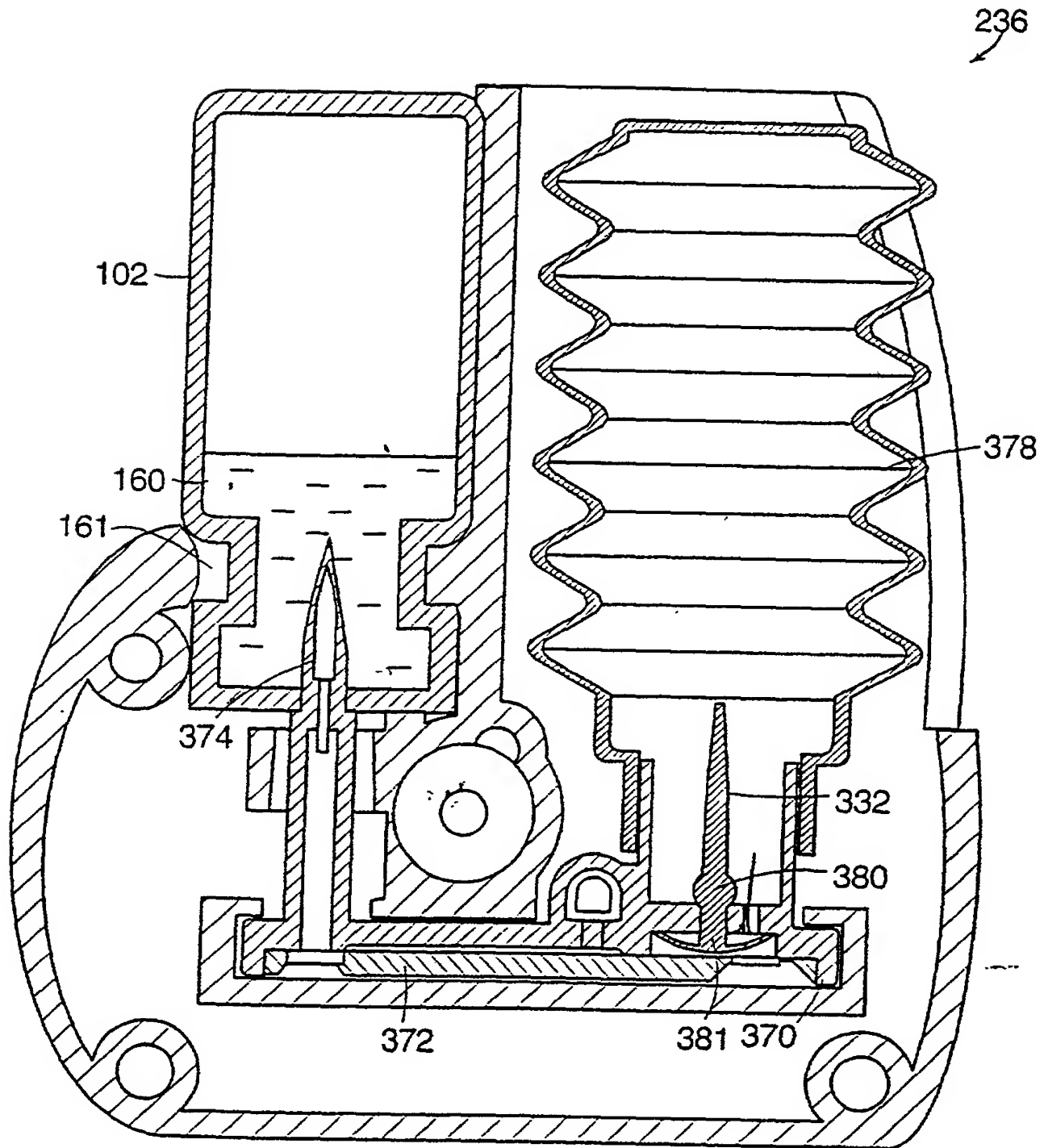


Figure 16



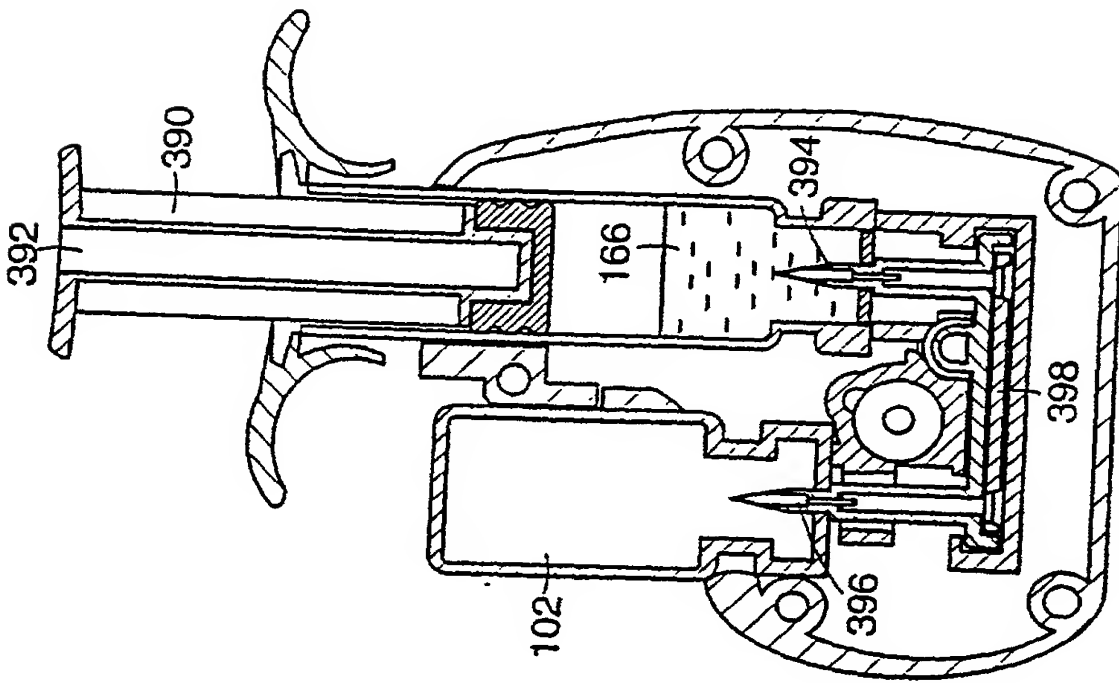


Figure 17A

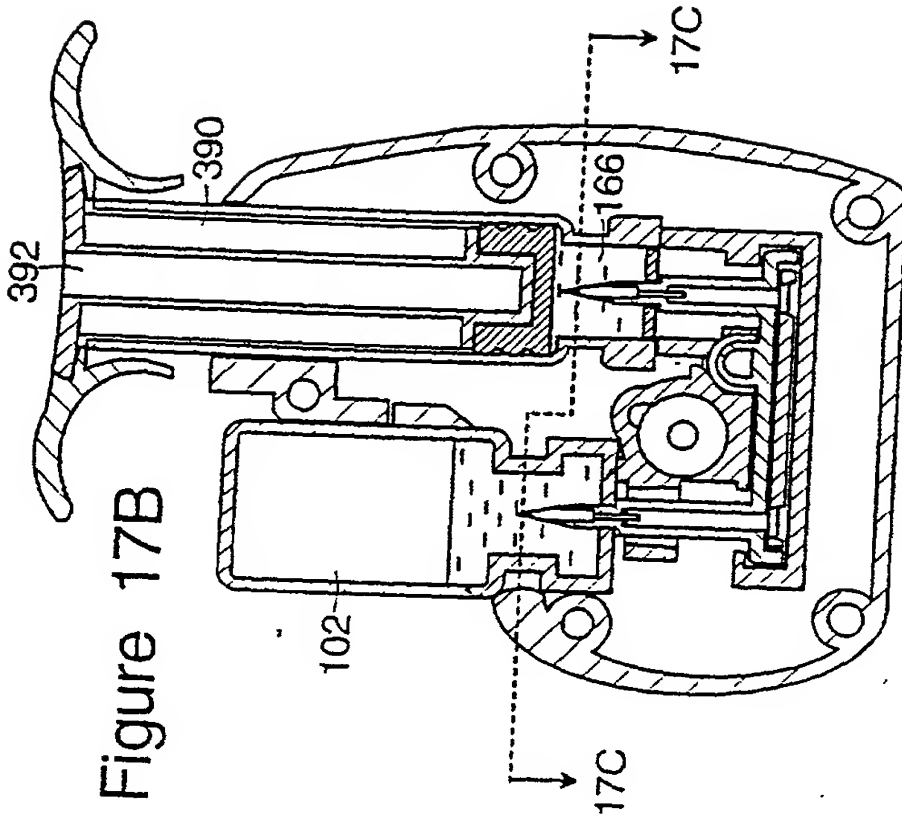


Figure 17B

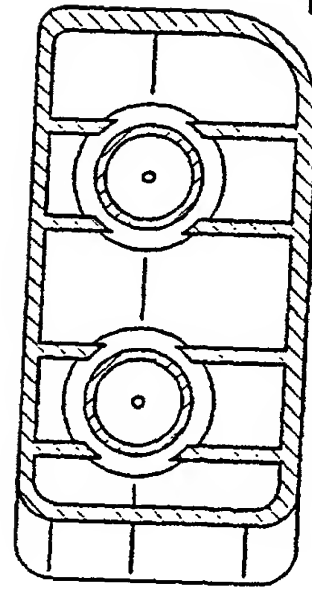


Figure 17C

Figure 18A-1

400

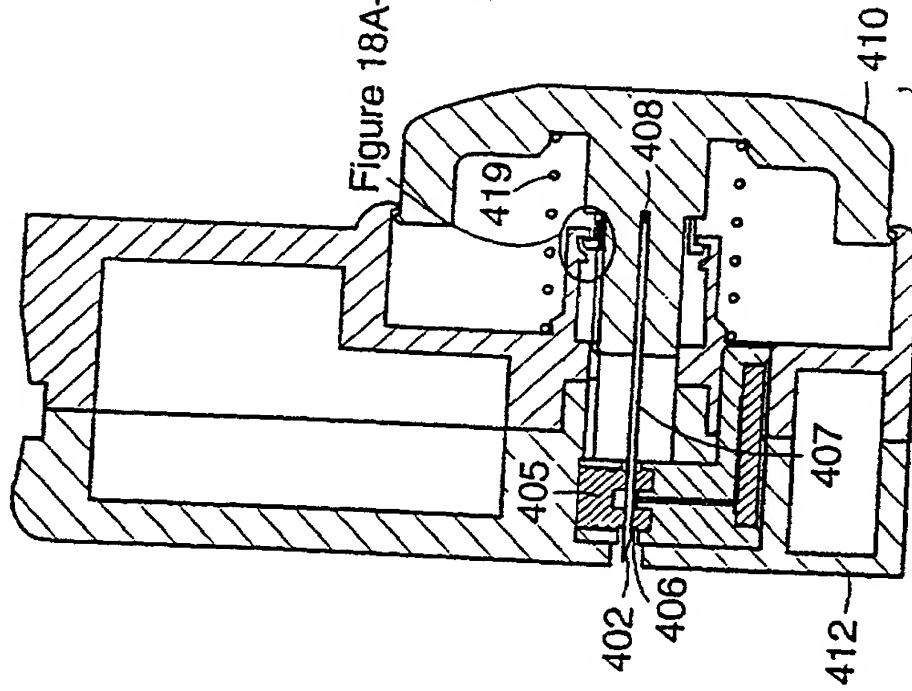


Figure 18A

Figure 18A-1

Figure 18B-1

400

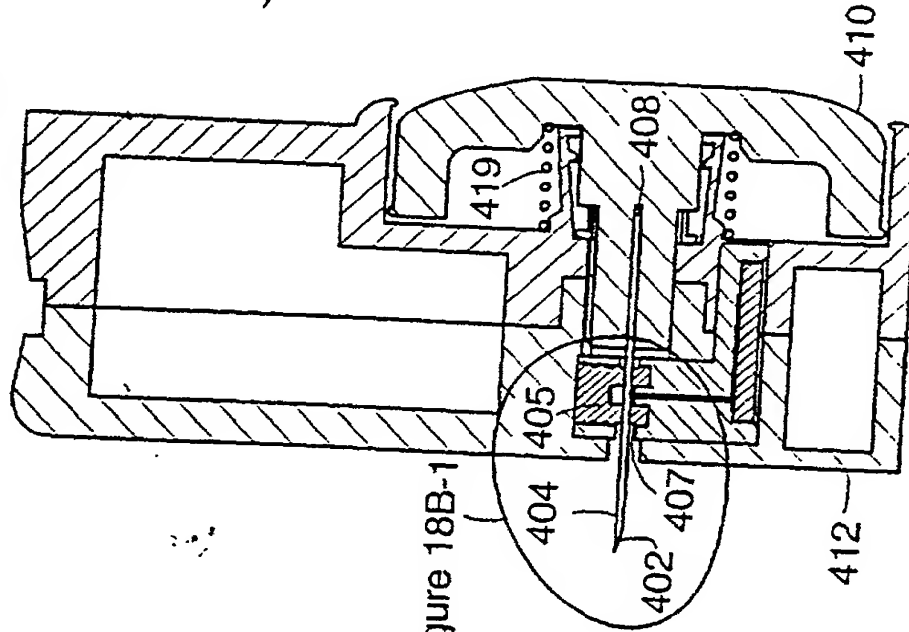


Figure 18B

Figure 18B-1

400

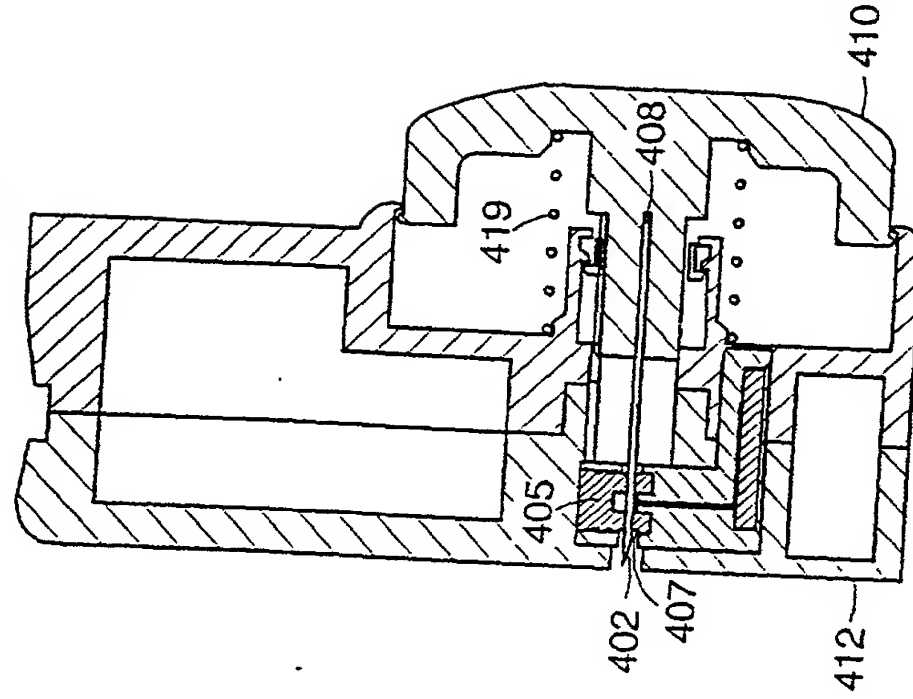
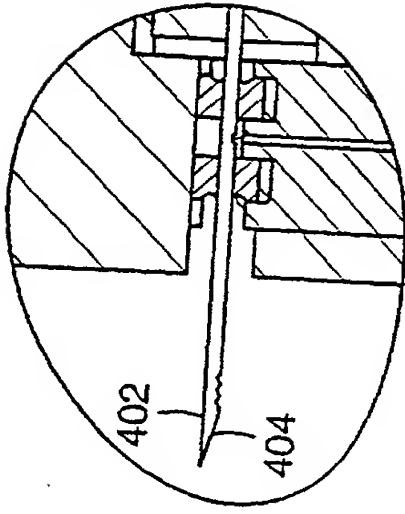


Figure 18C

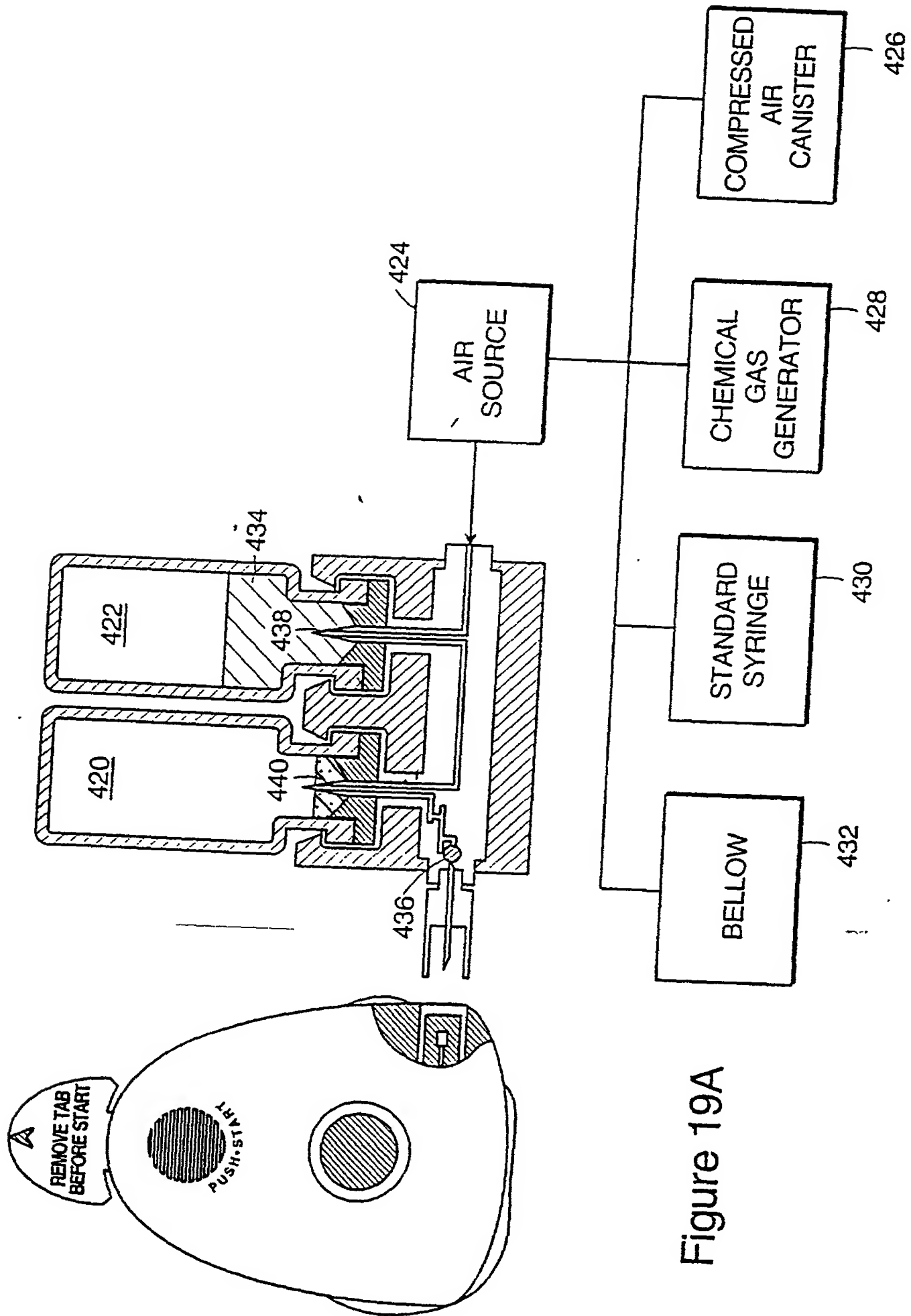


Figure 19A

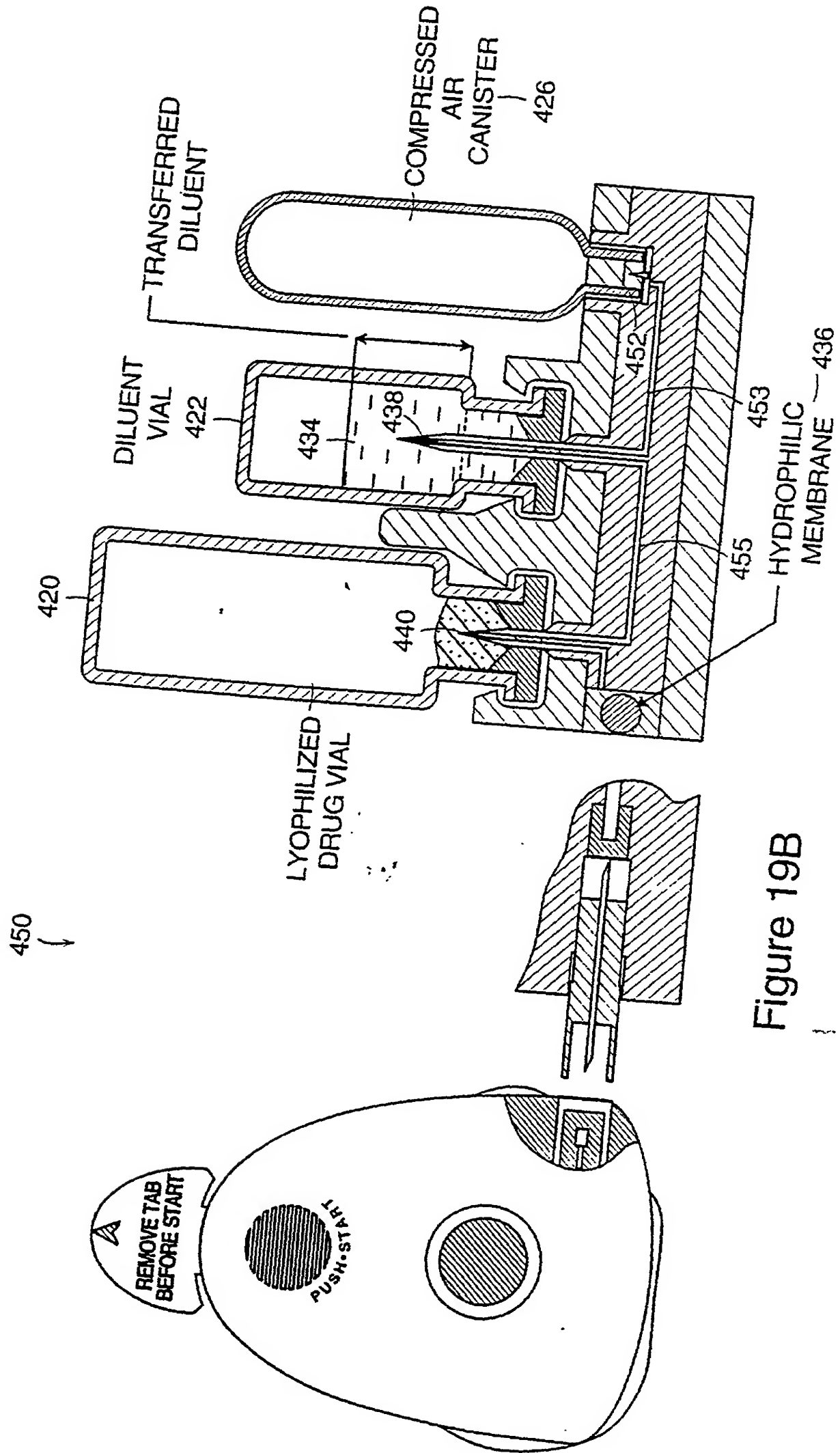


Figure 19B

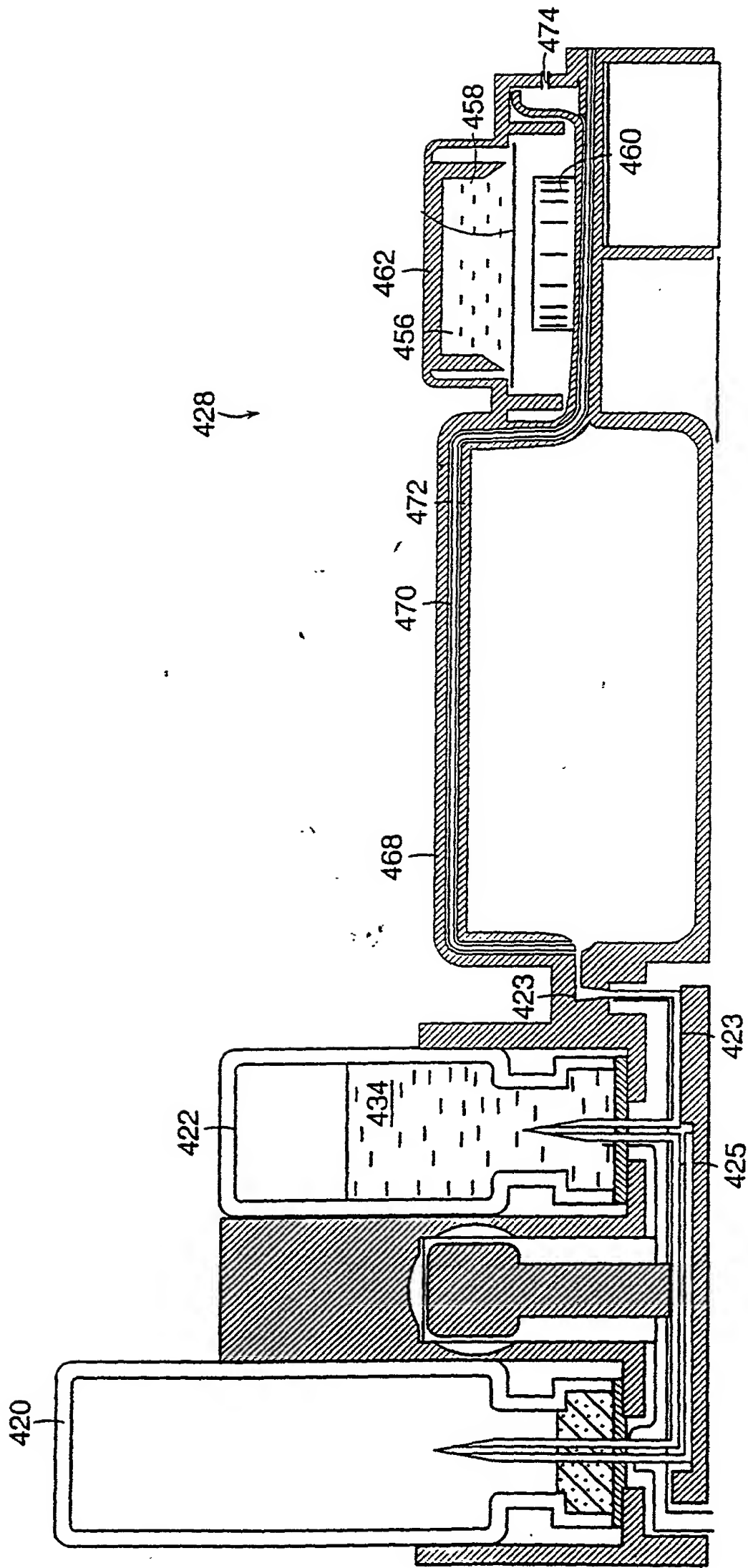


Figure 19C

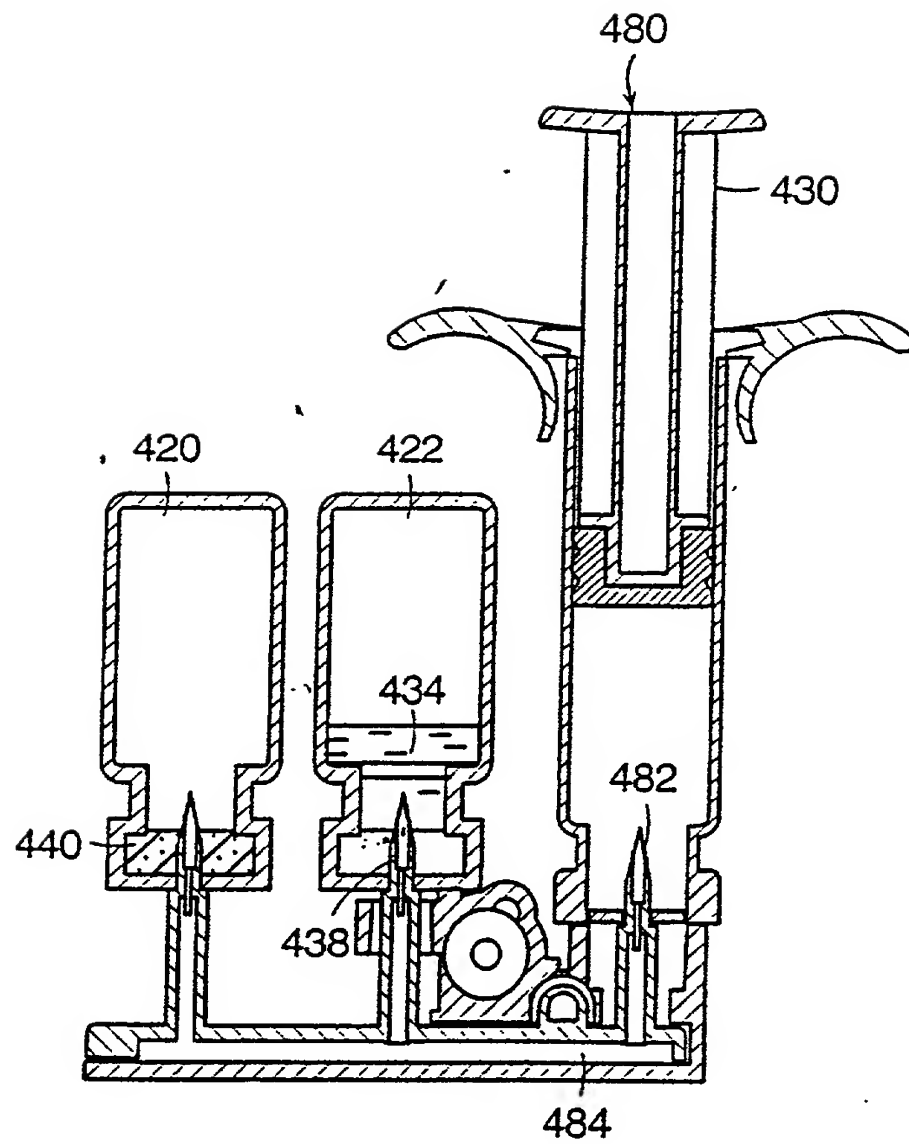


Figure 19D

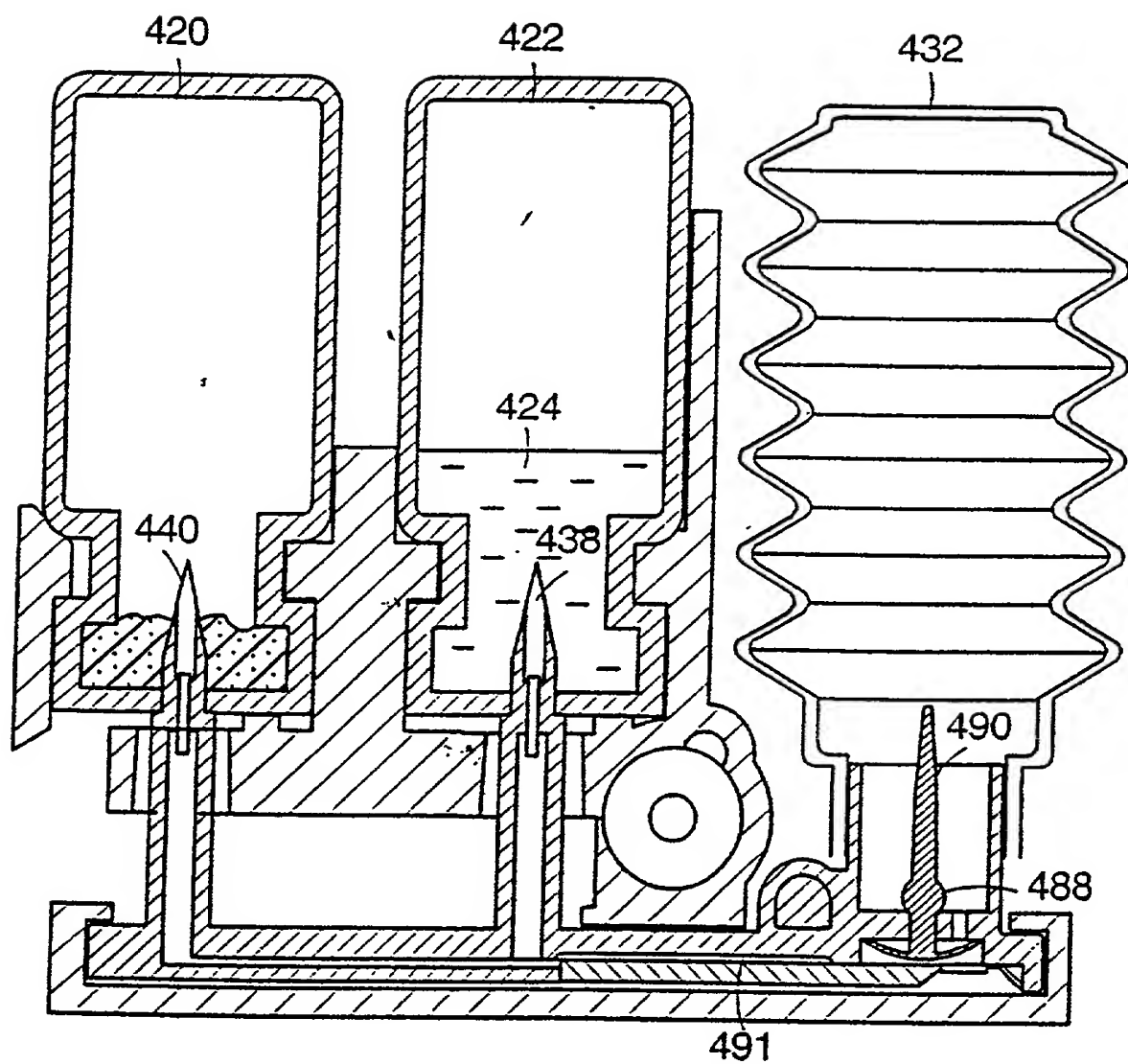


Figure 19E

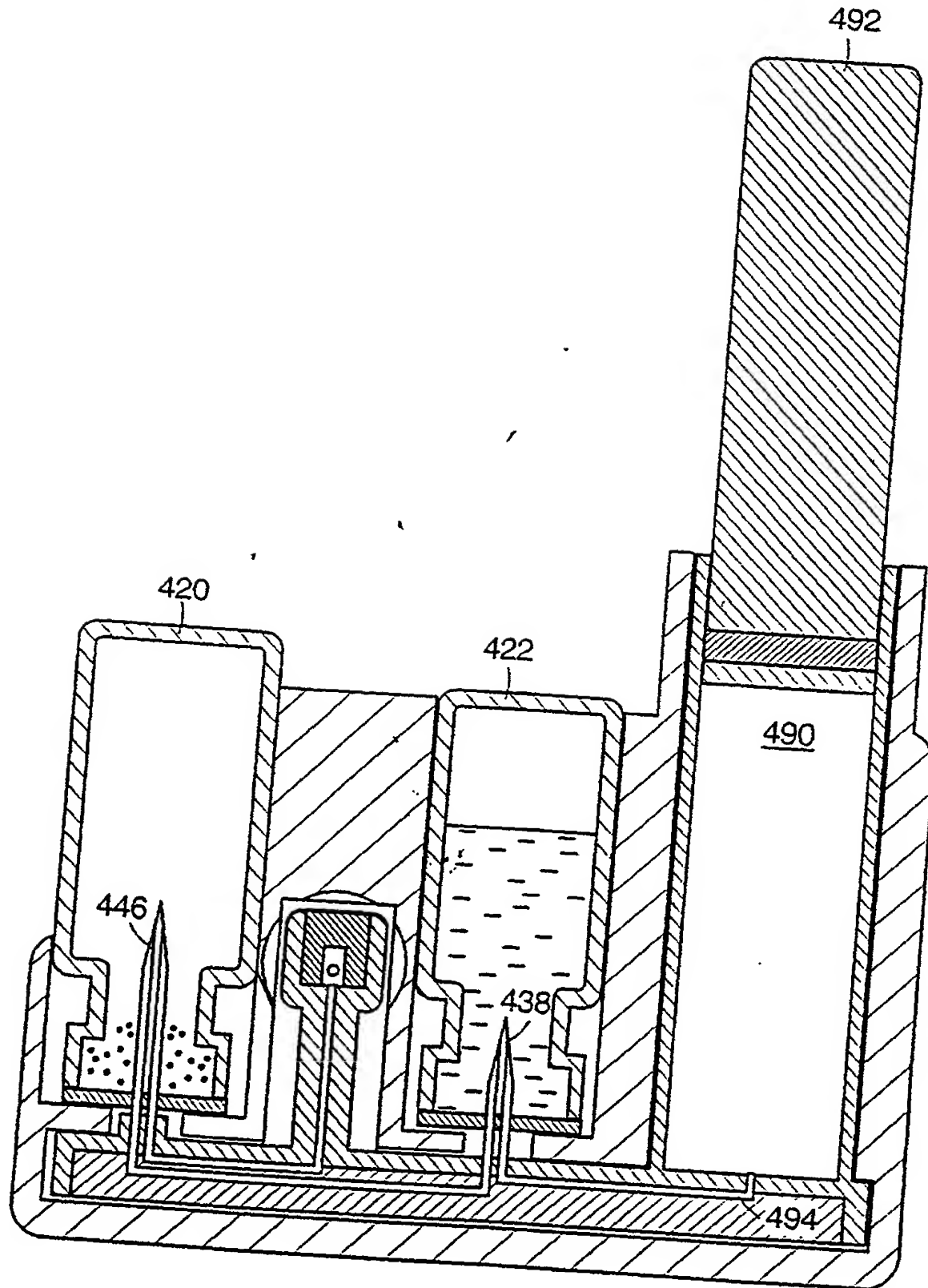


Figure 19F



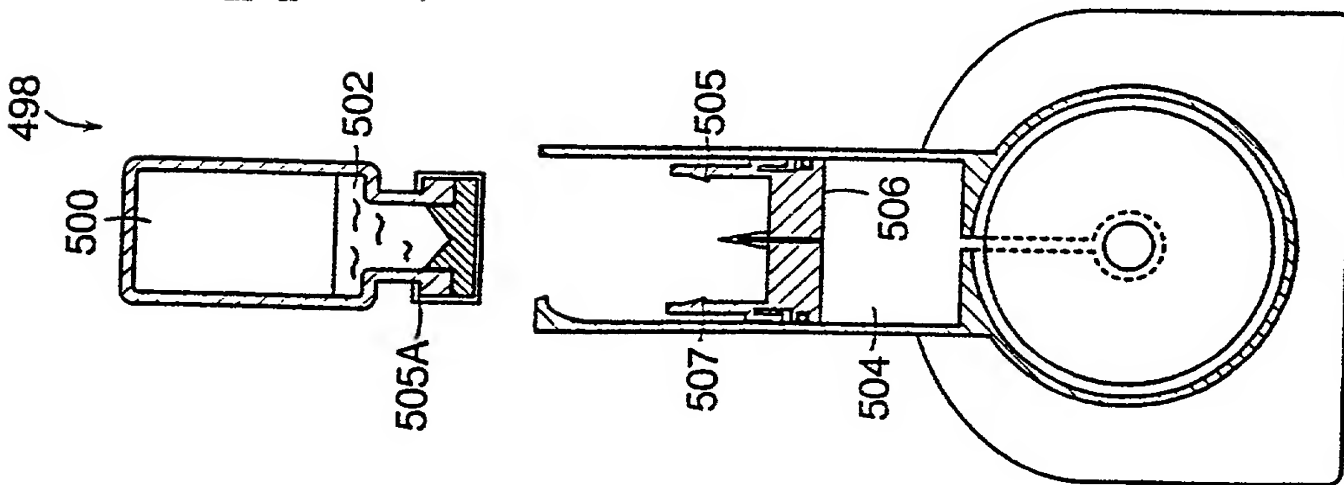


Figure 20A-1

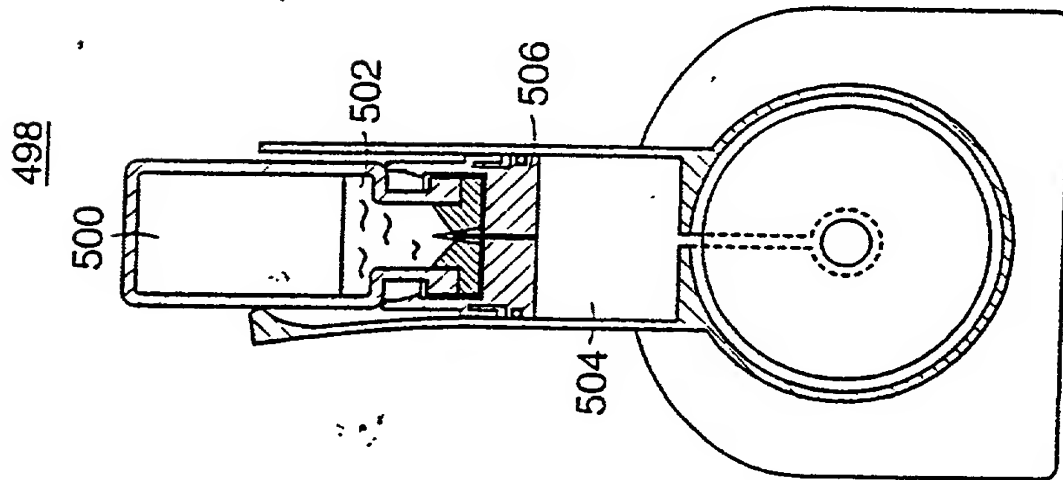


Figure 20A-2

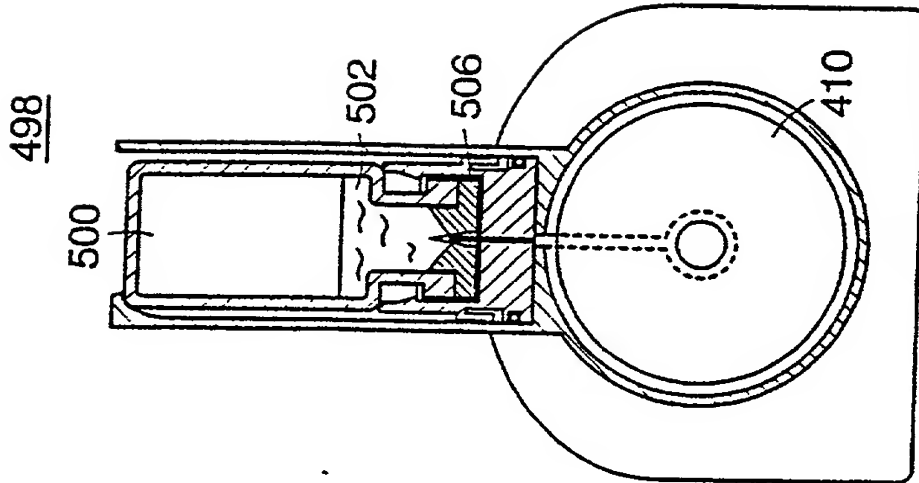


Figure 20A-3

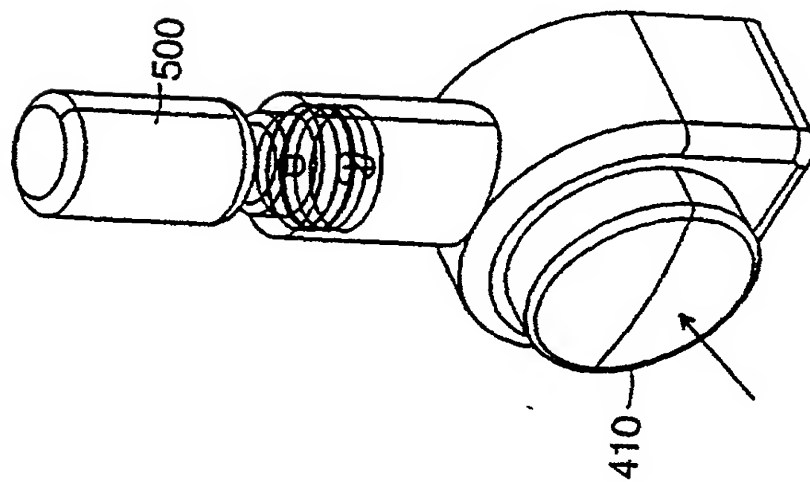


Figure 20B-1

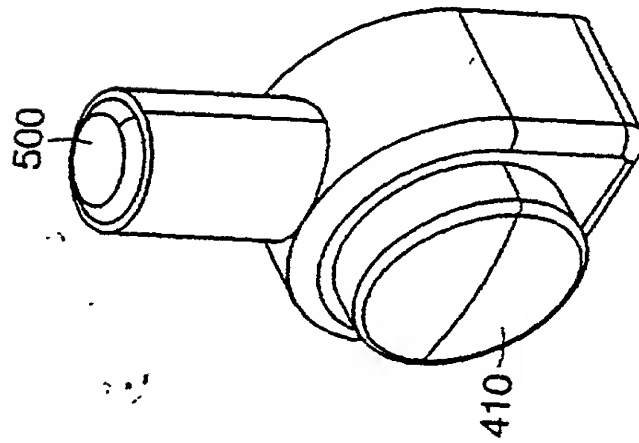


Figure 20B-2

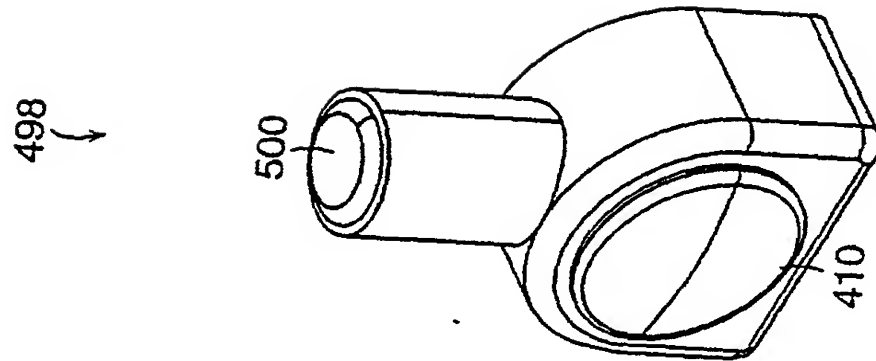


Figure 20B-3

FIG. 20B-1

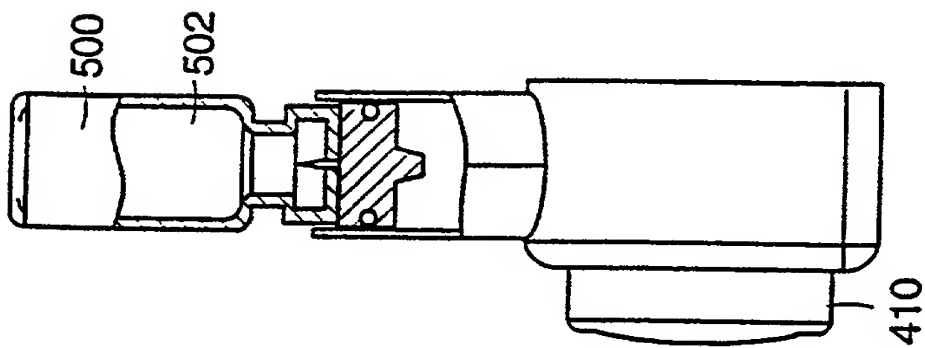


Figure 20C-1

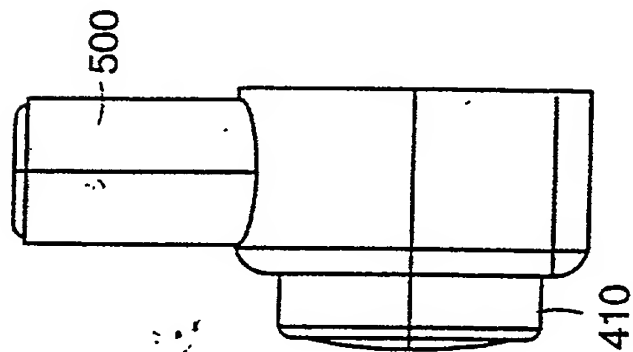


Figure 20C-2

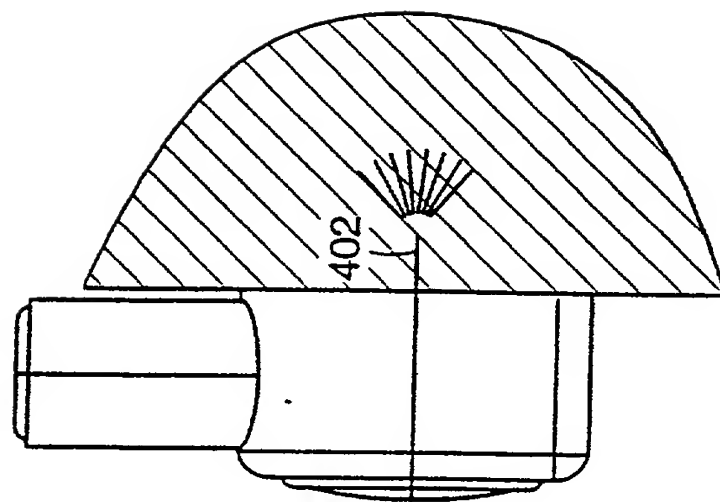


Figure 20C-3

498

498

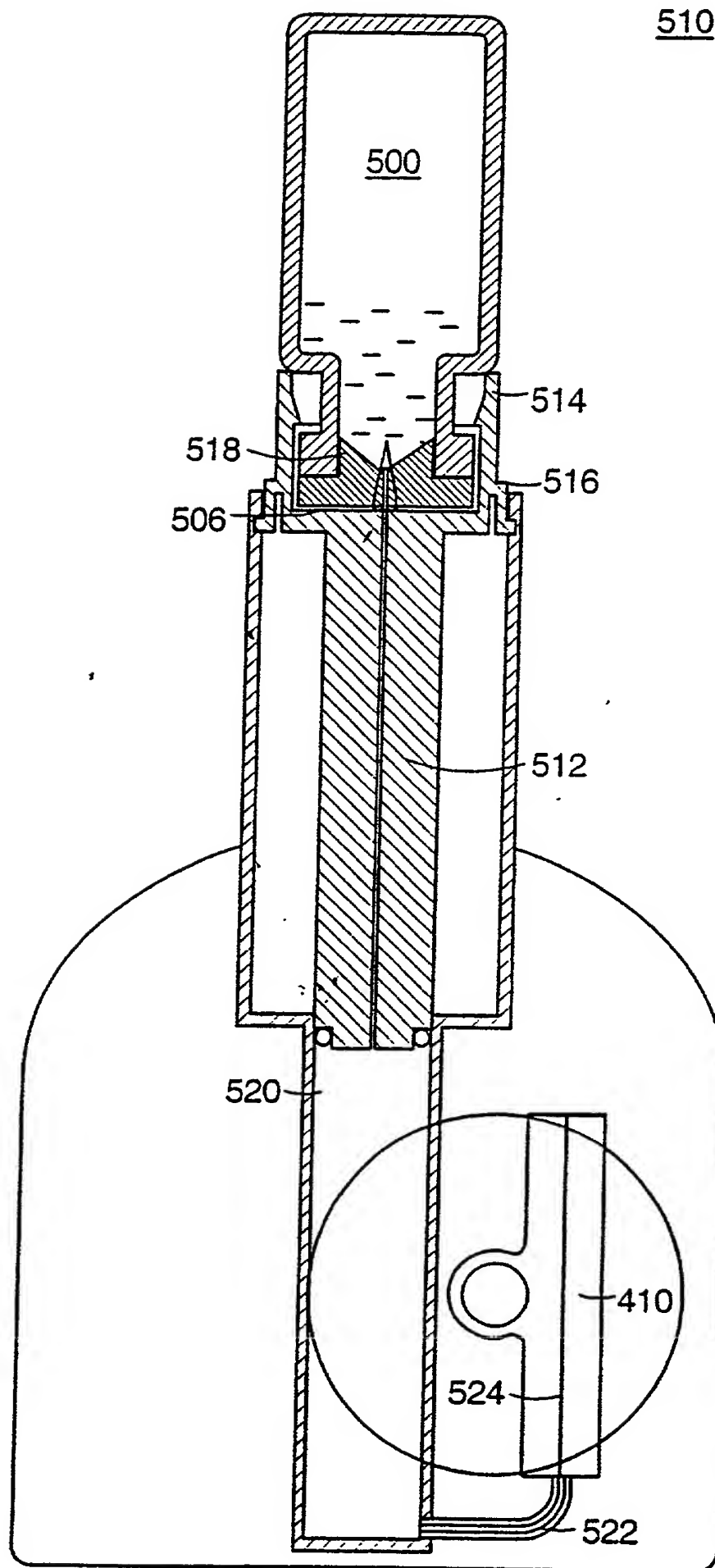


Figure 21

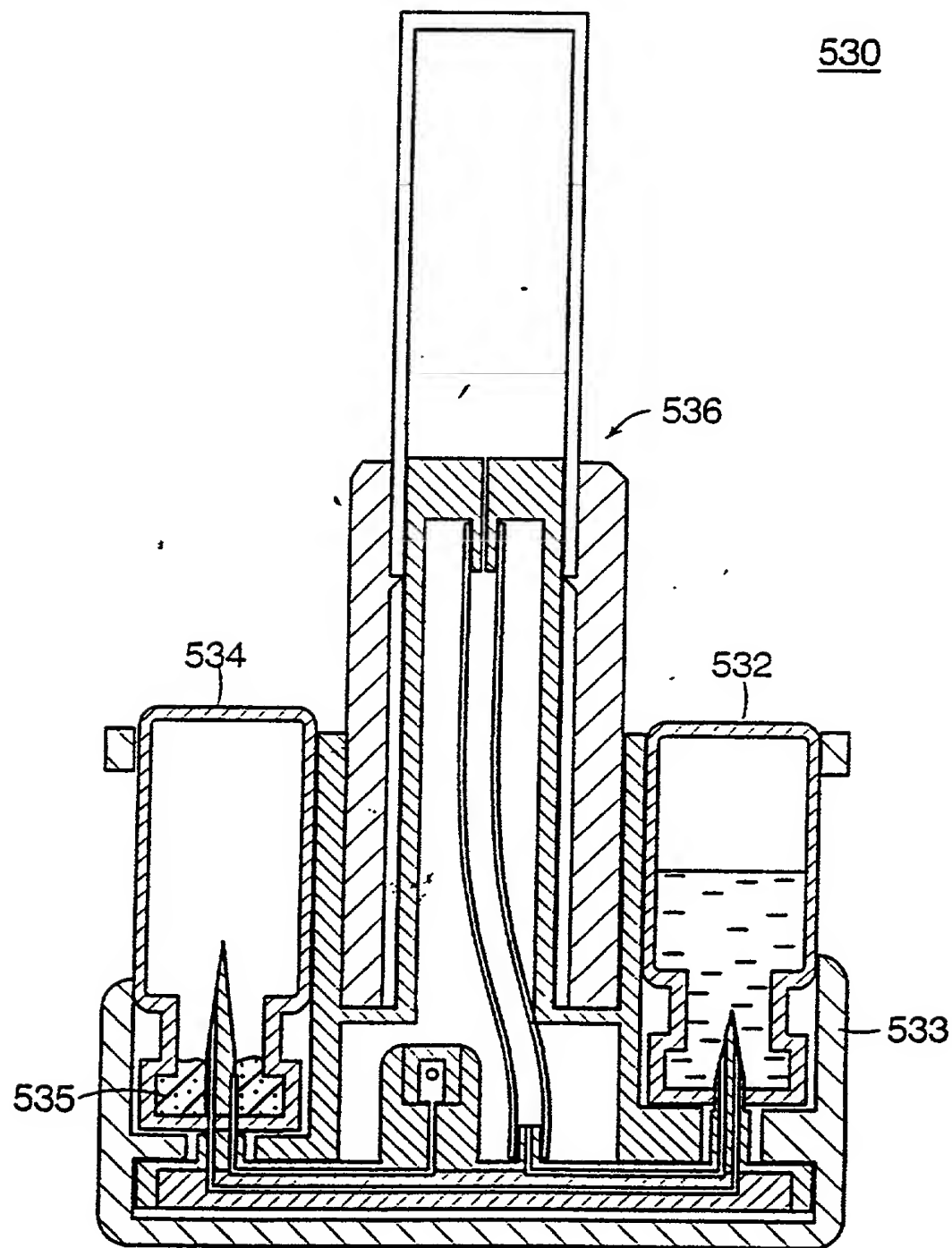


Figure 22A

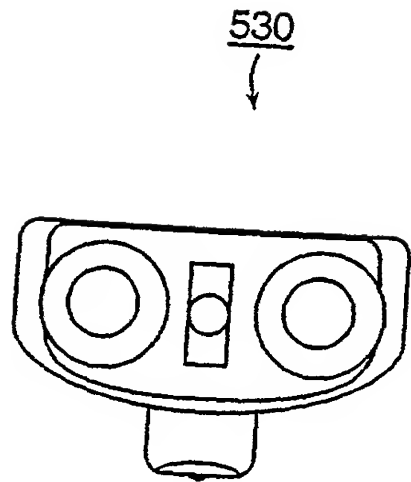


Figure 22B

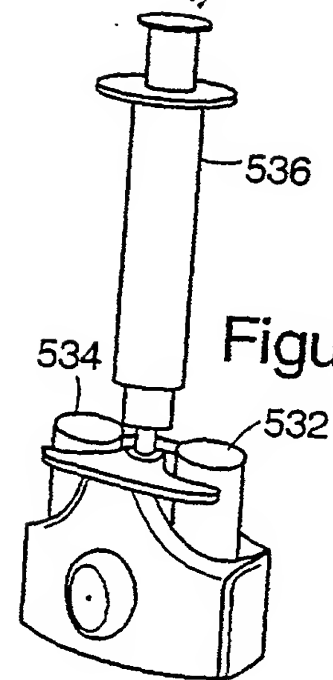


Figure 22C

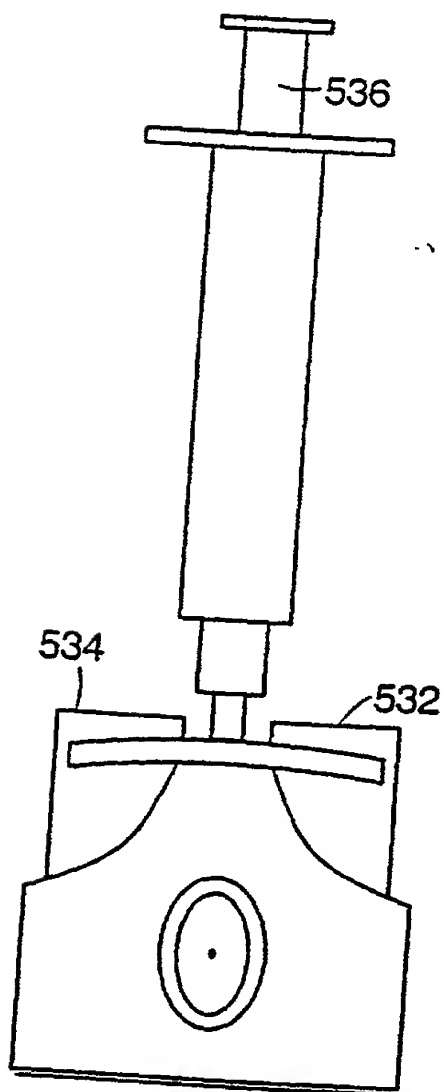


Figure 22D

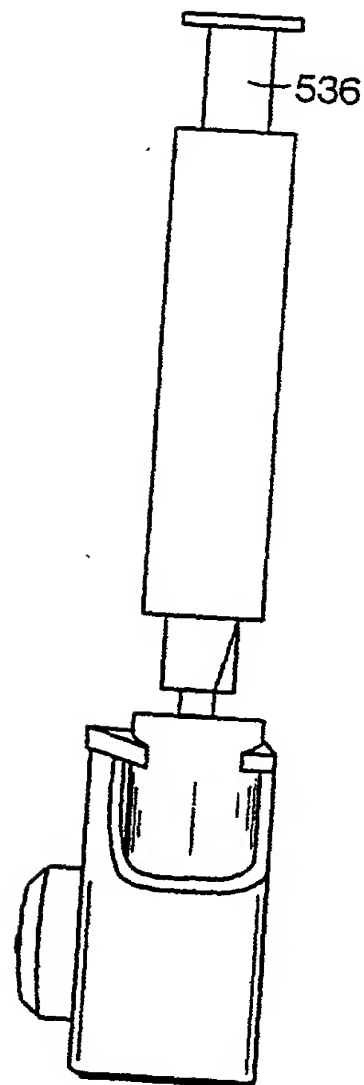


Figure 22E

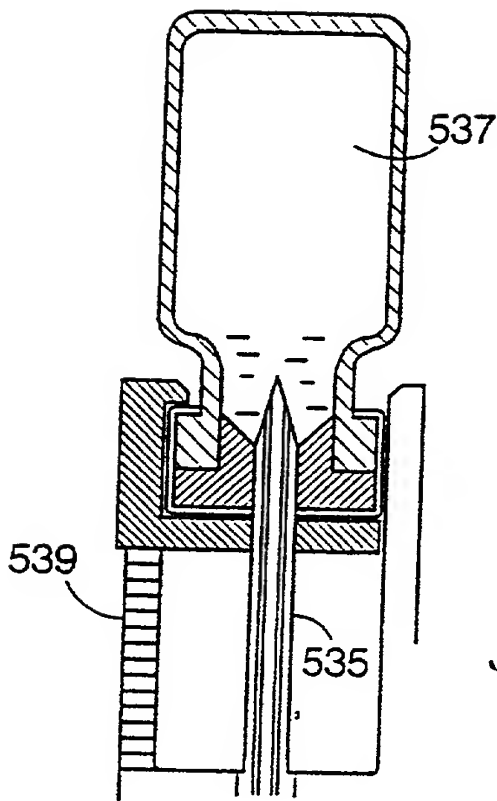


Figure 23A

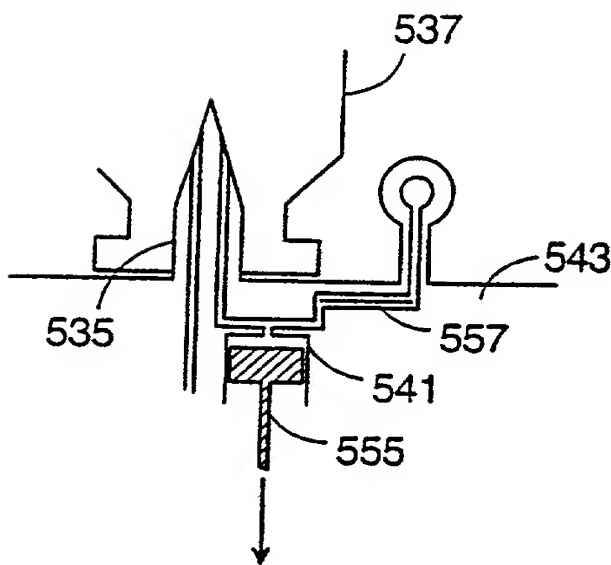


Figure 23B

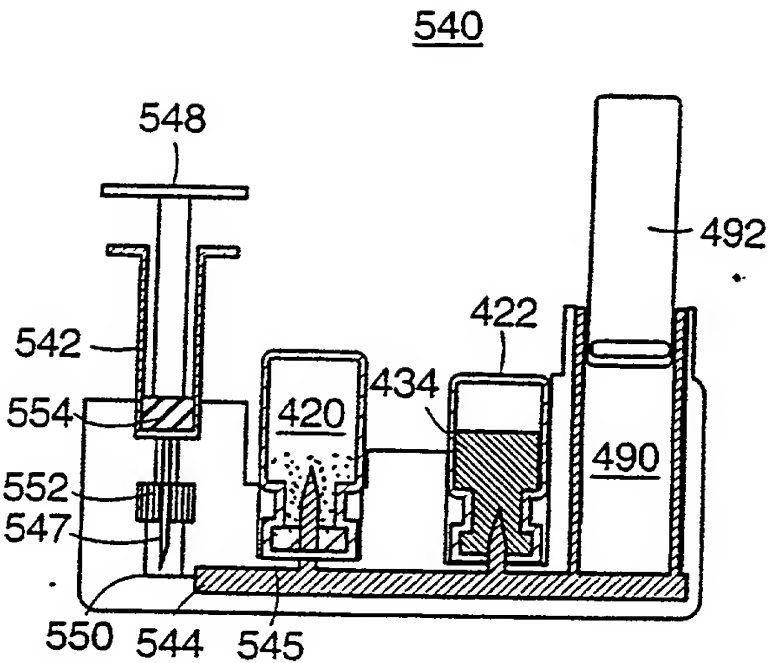


Figure 24A

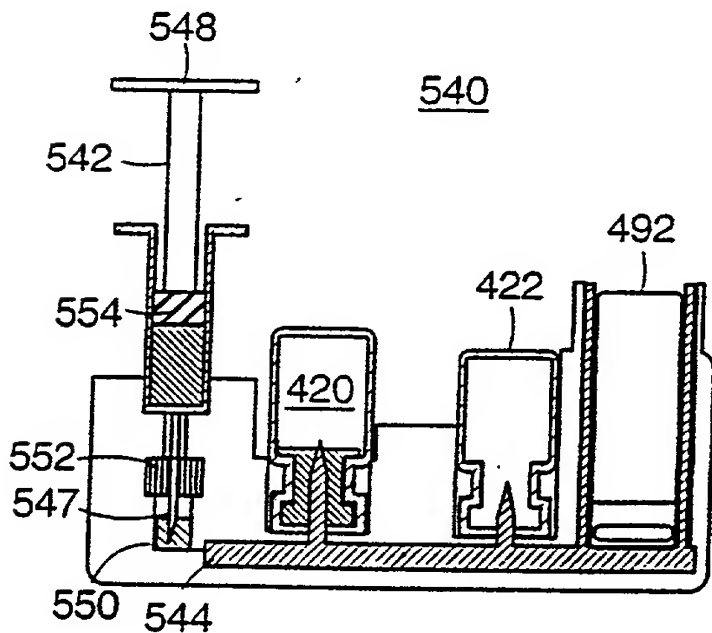


Figure 24B

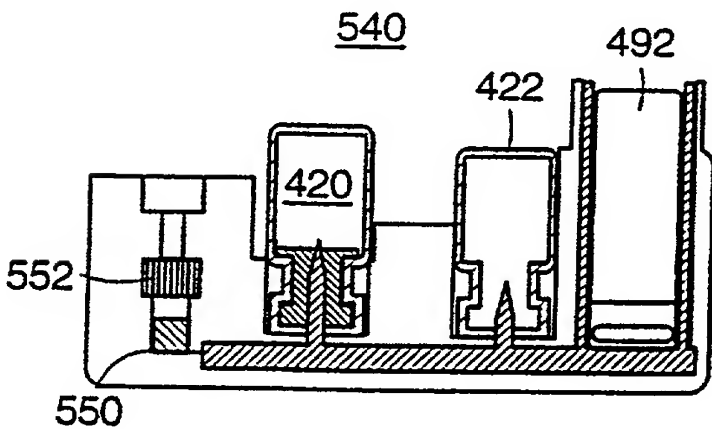


Figure 24C

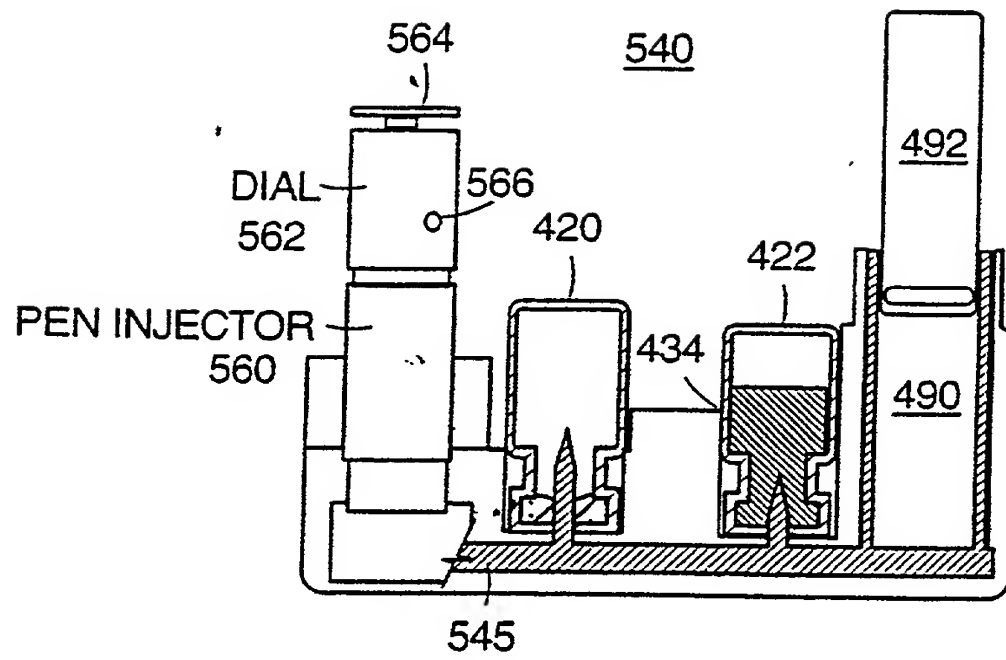


Figure 25



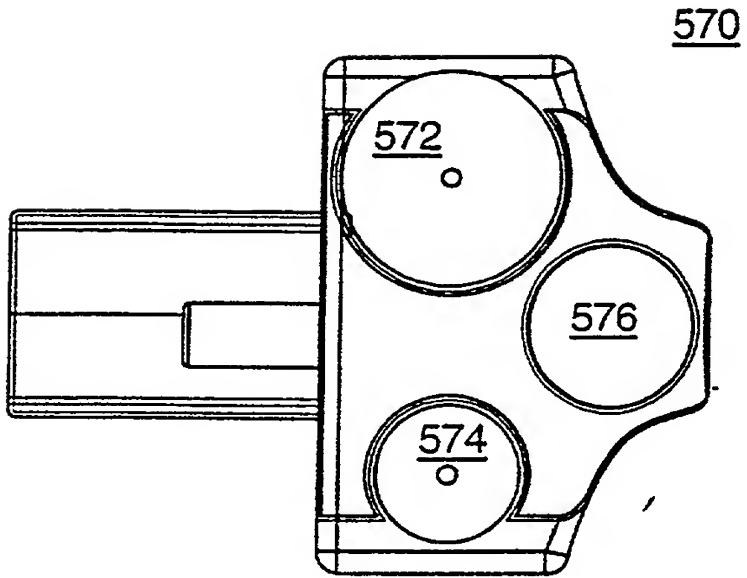


Figure 26A

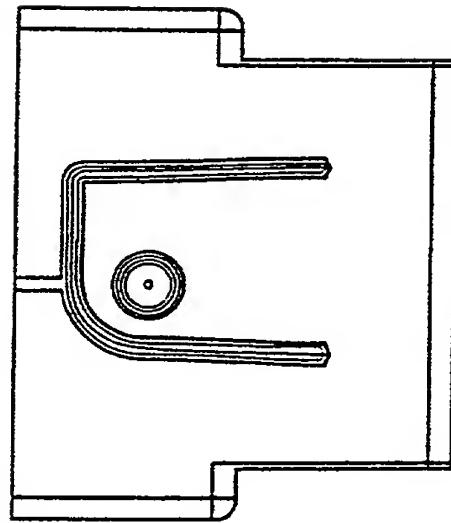


Figure 26B

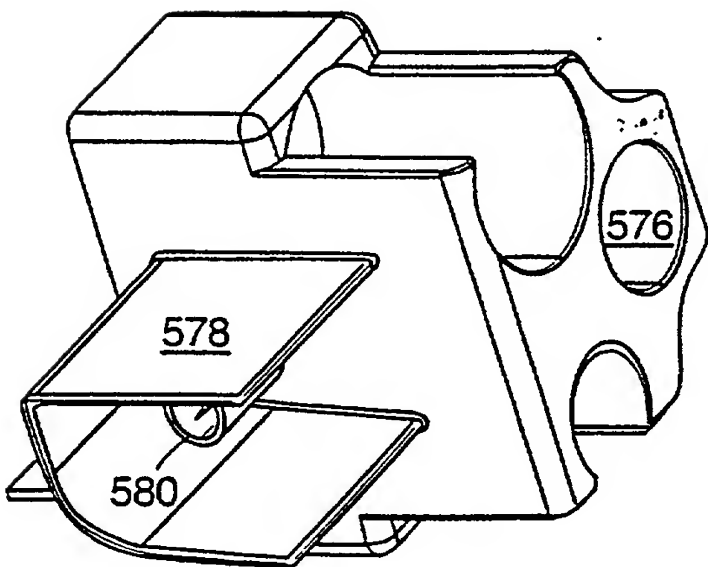


Figure 26C

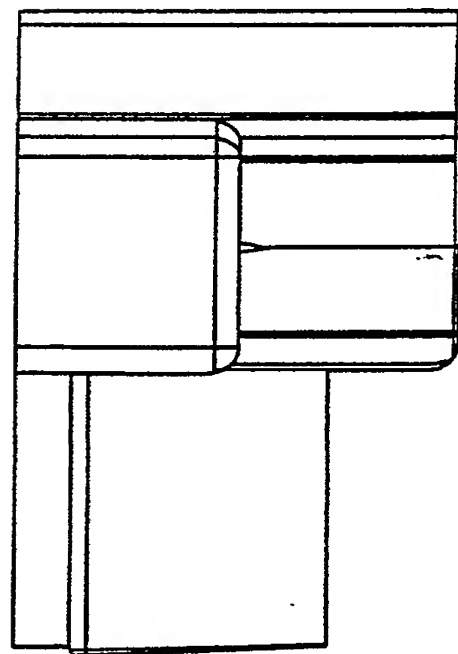


Figure 26D

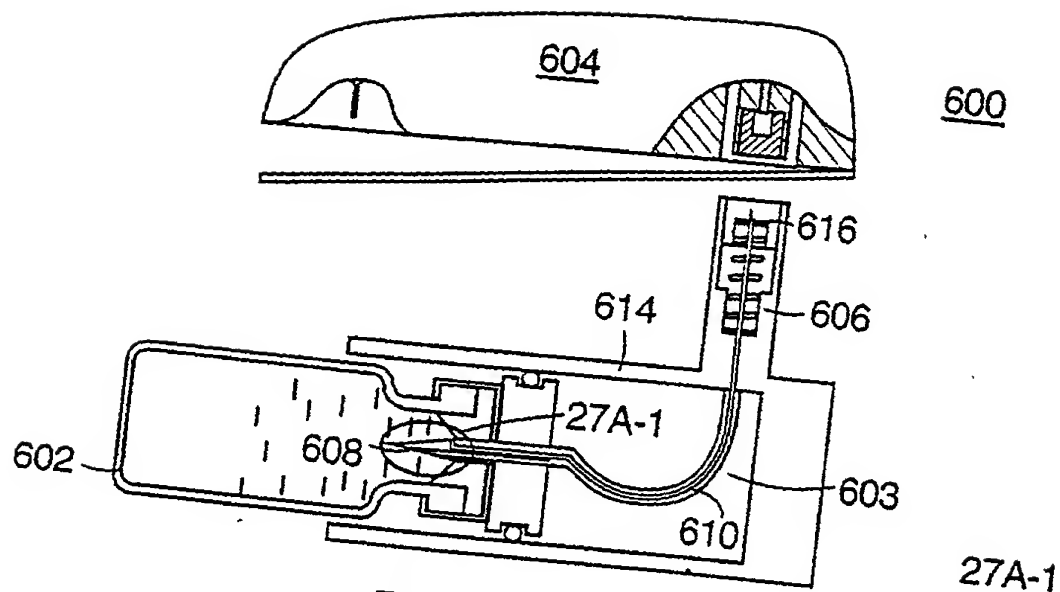


Figure 27A

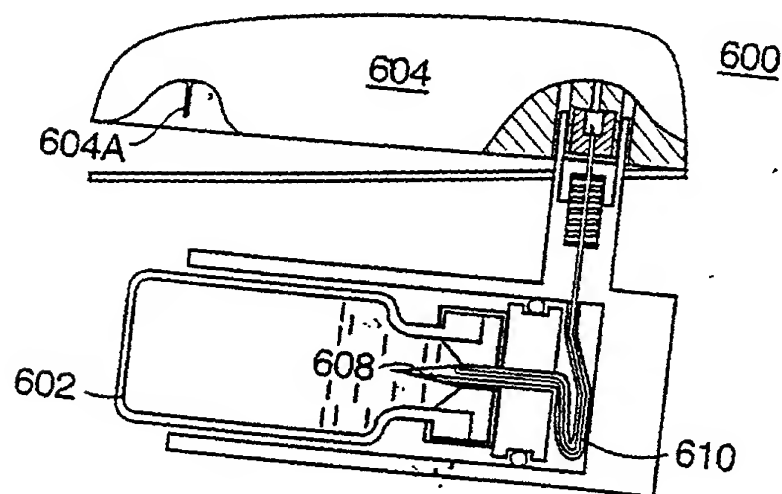


Figure 27B

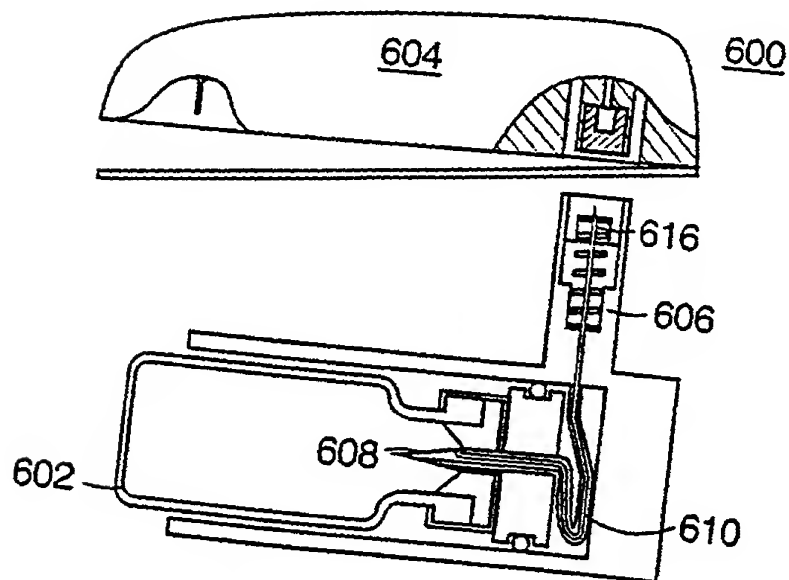


Figure 27C

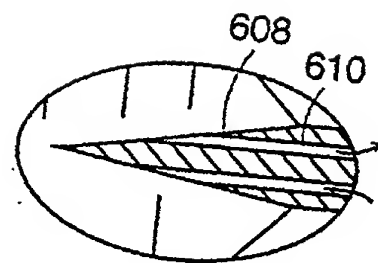


Figure 27A-1

100484-0001

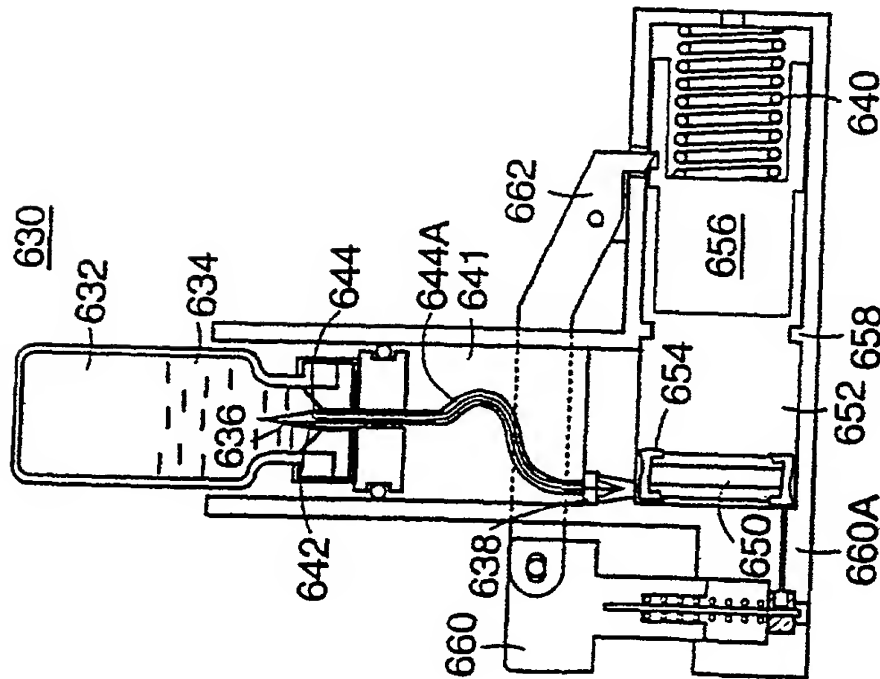


Figure 28A

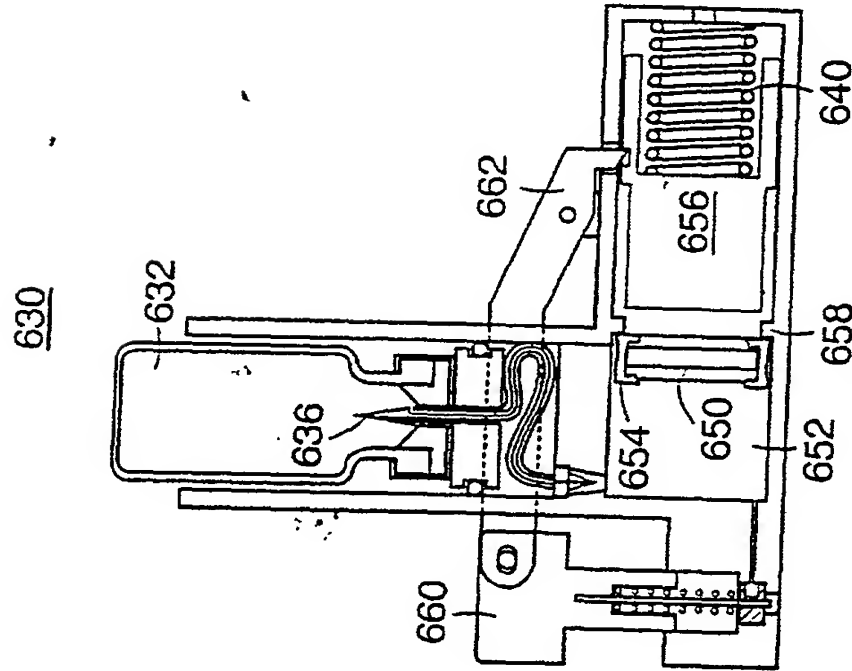


Figure 28B

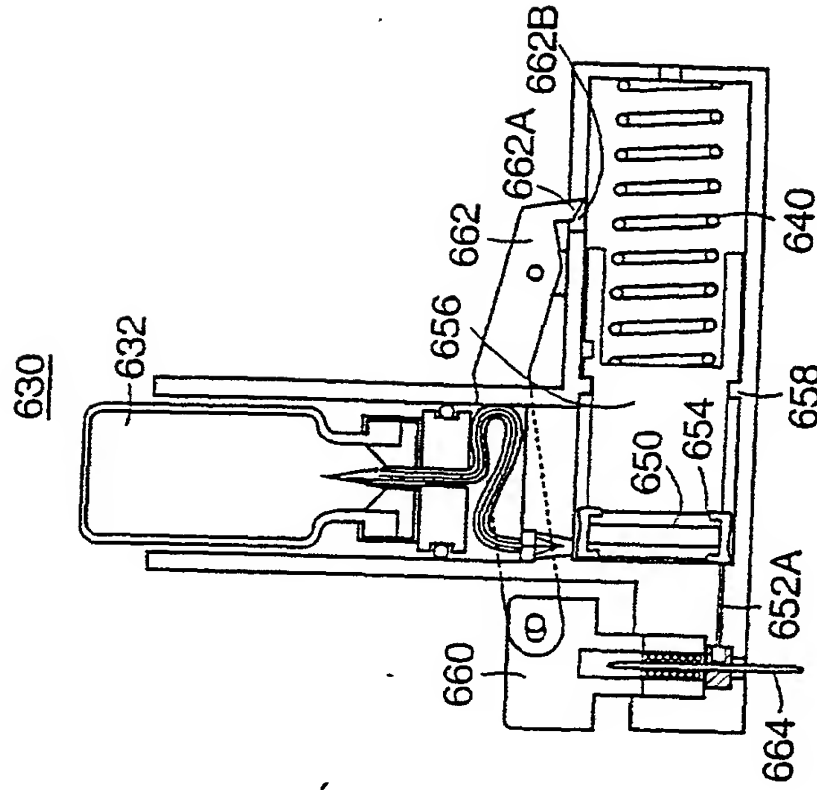


Figure 28C

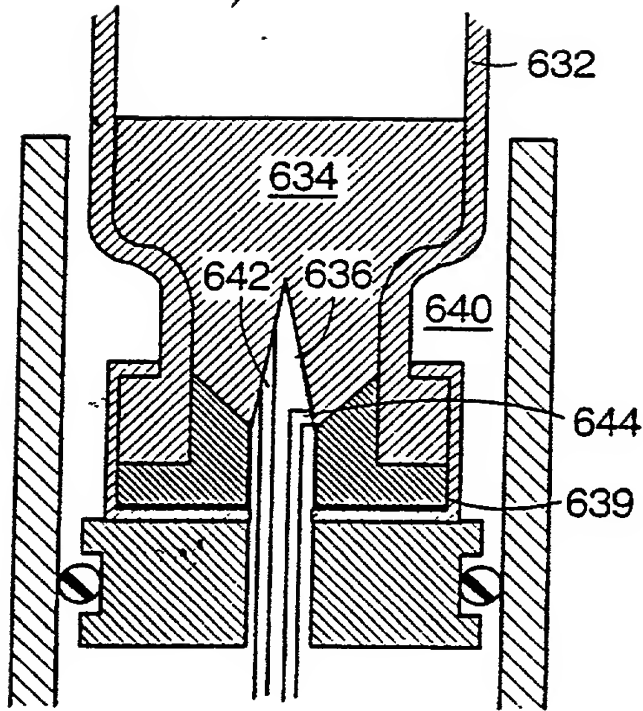


Figure 28D

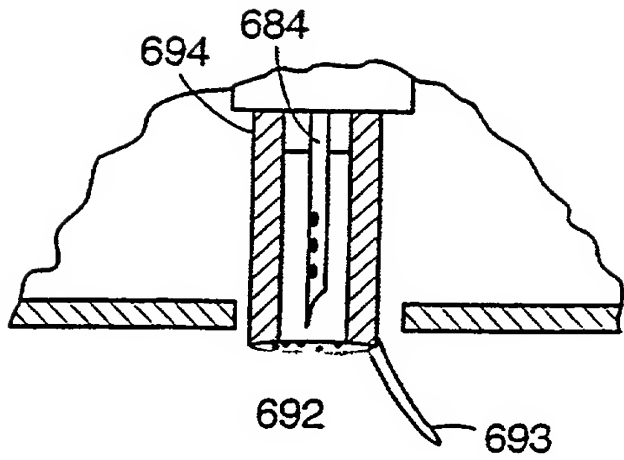


Figure 29A-1

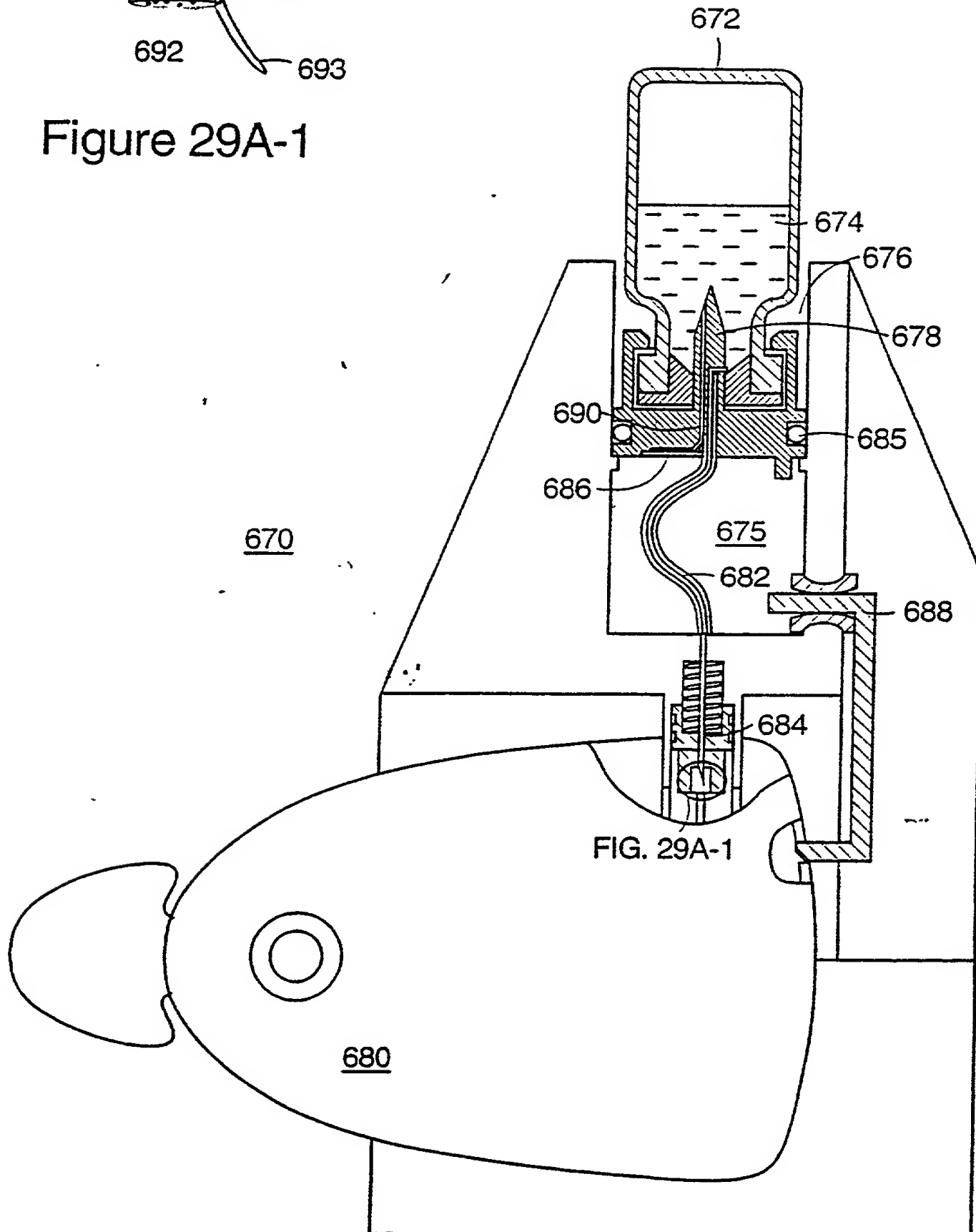


Figure 29A

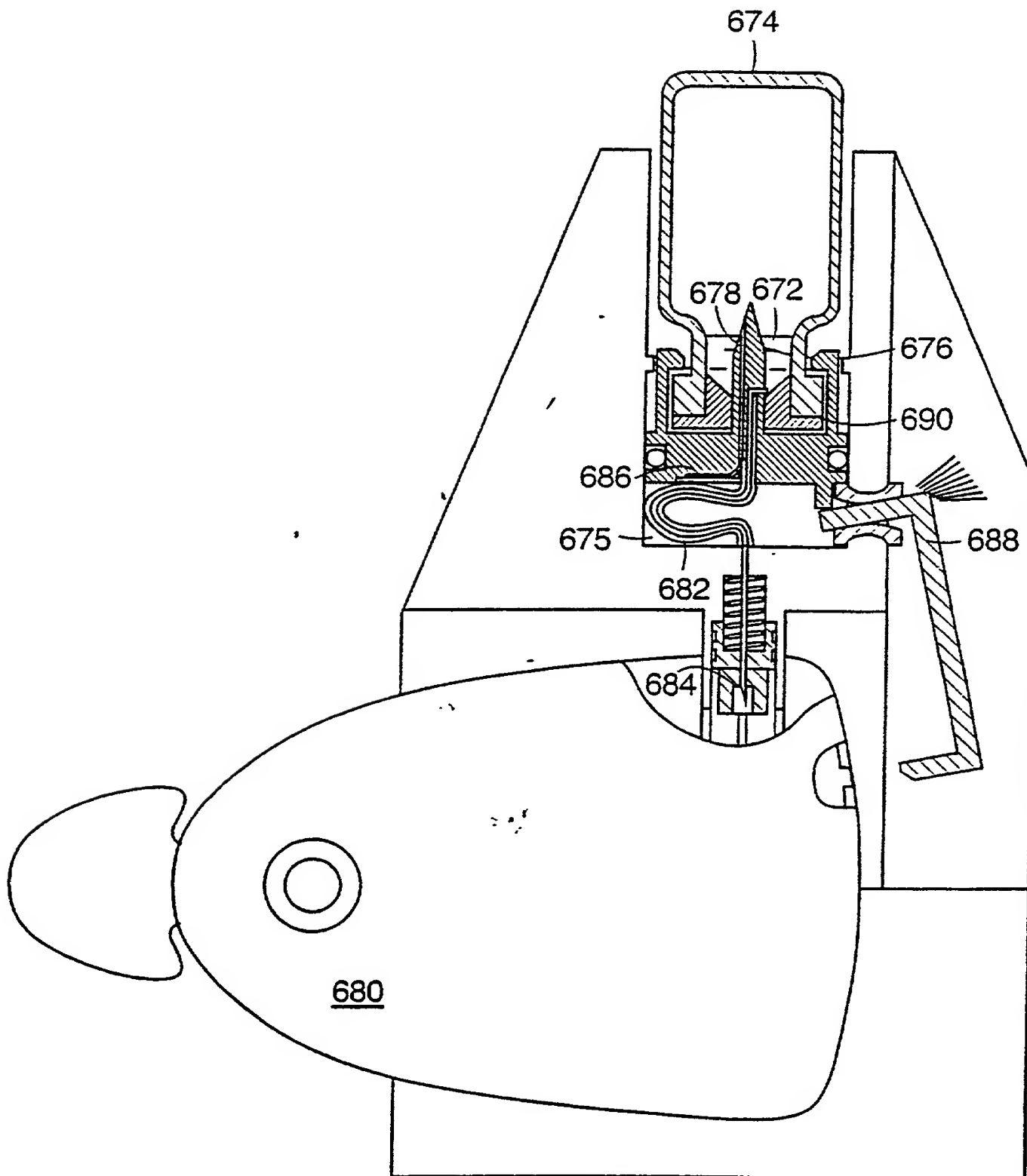


Figure 29B

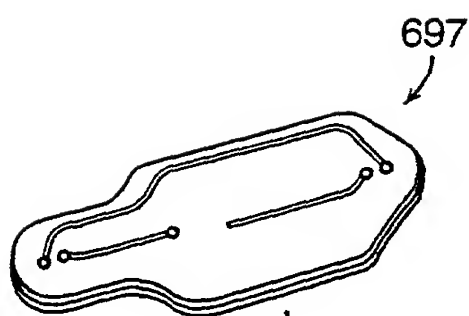


Figure 30B

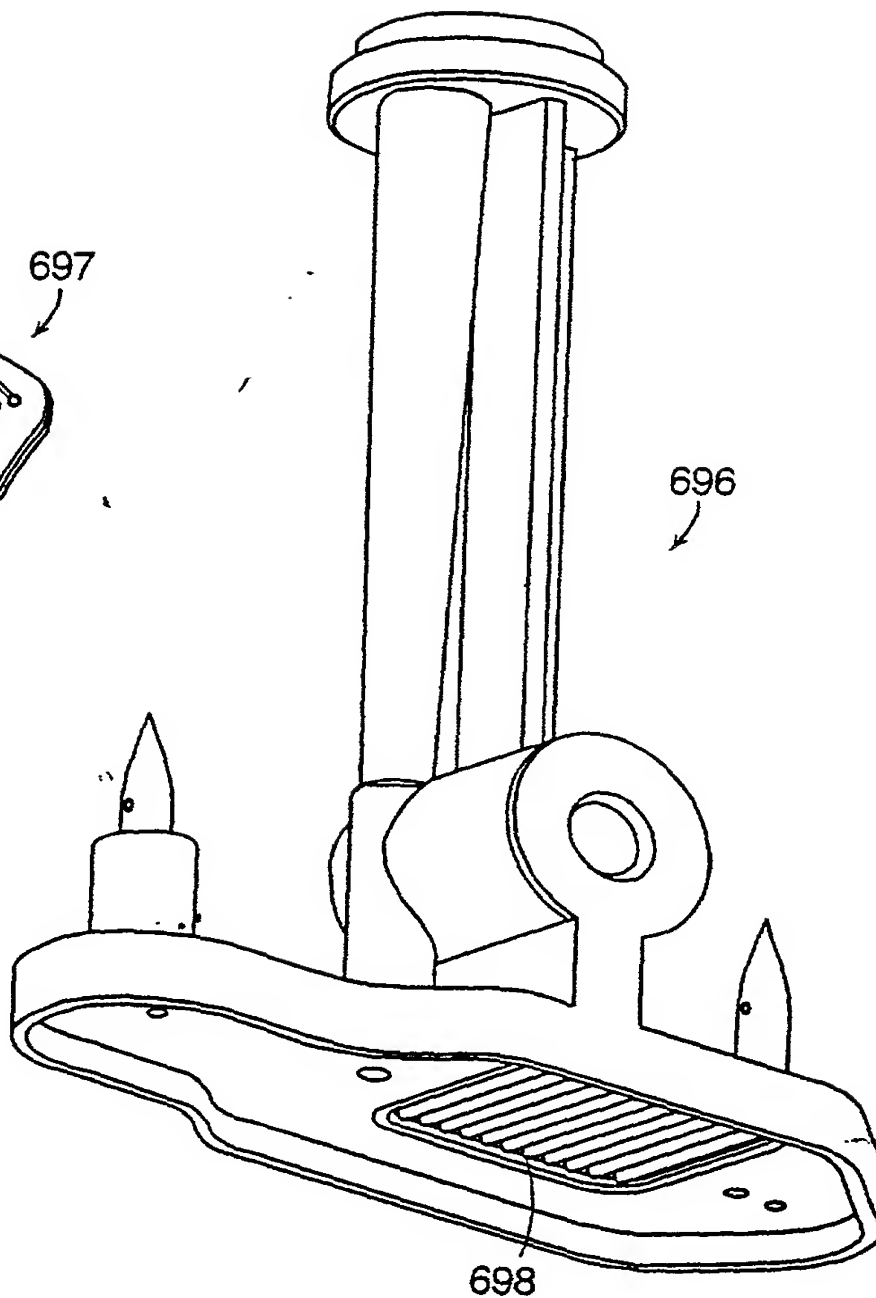
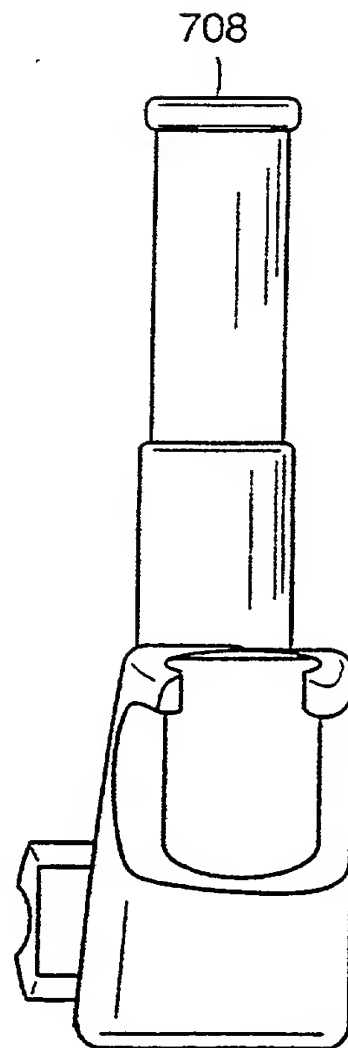
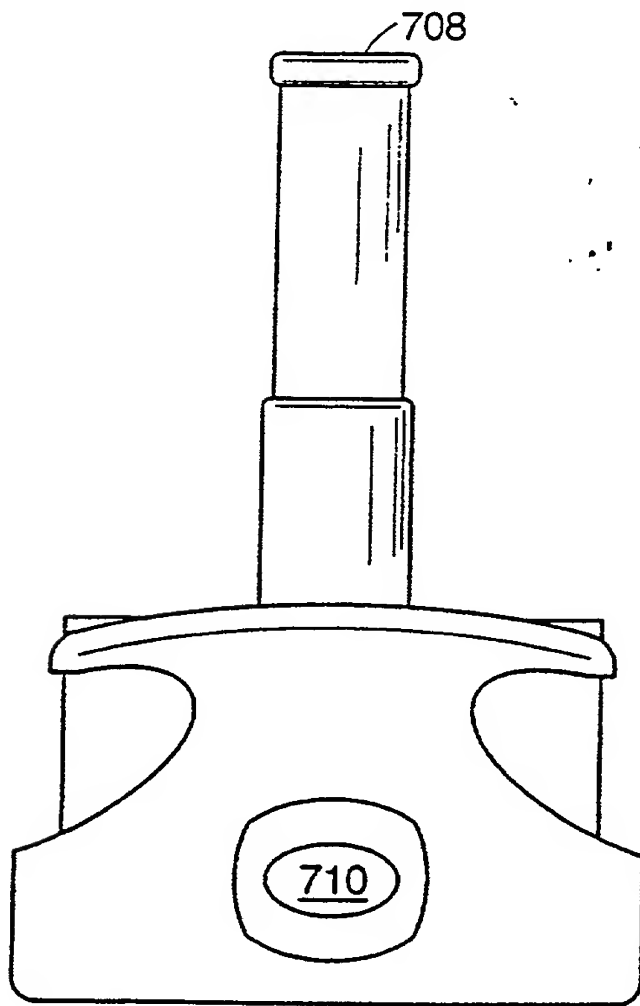
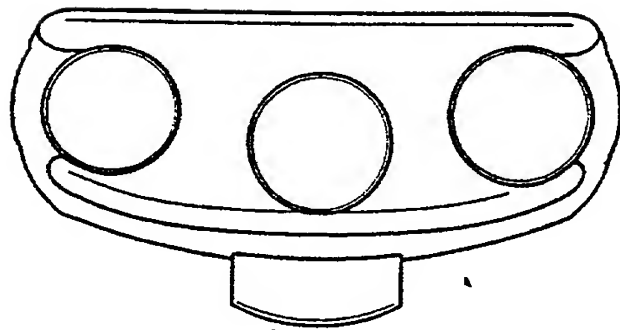
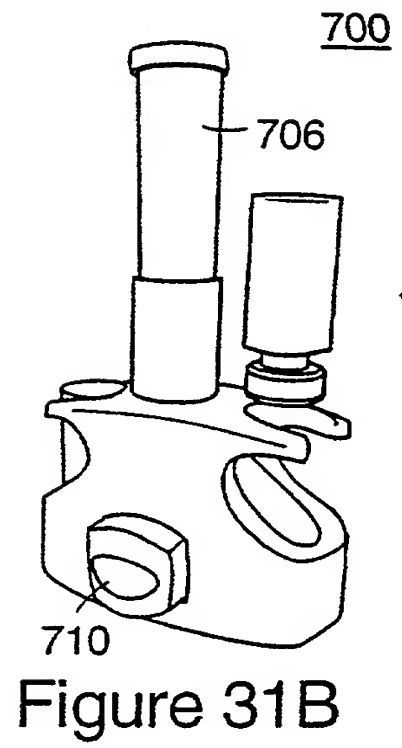
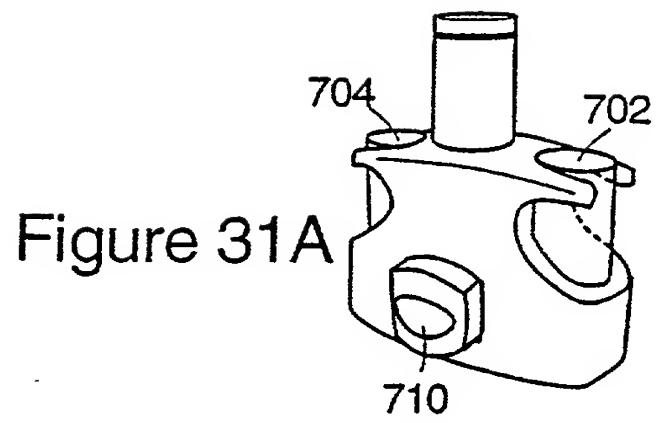


Figure 30A





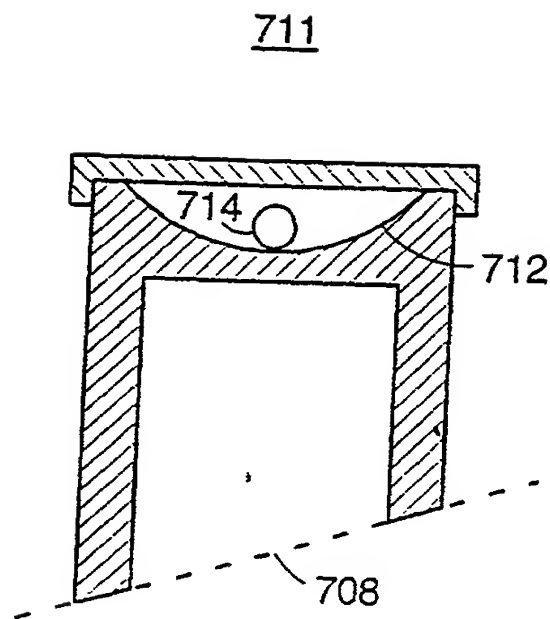


Figure 31F

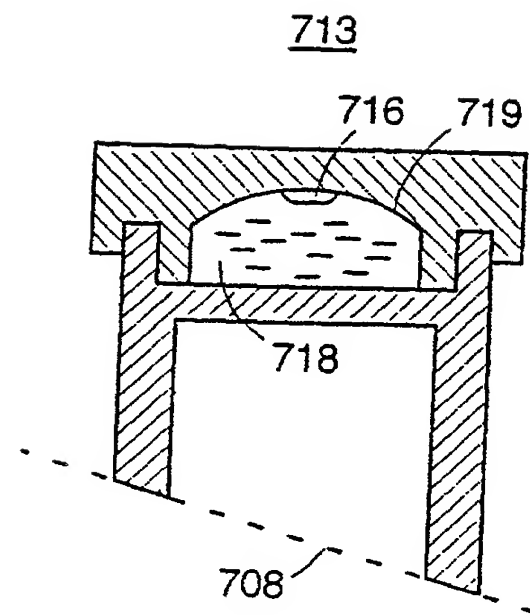


Figure 31G

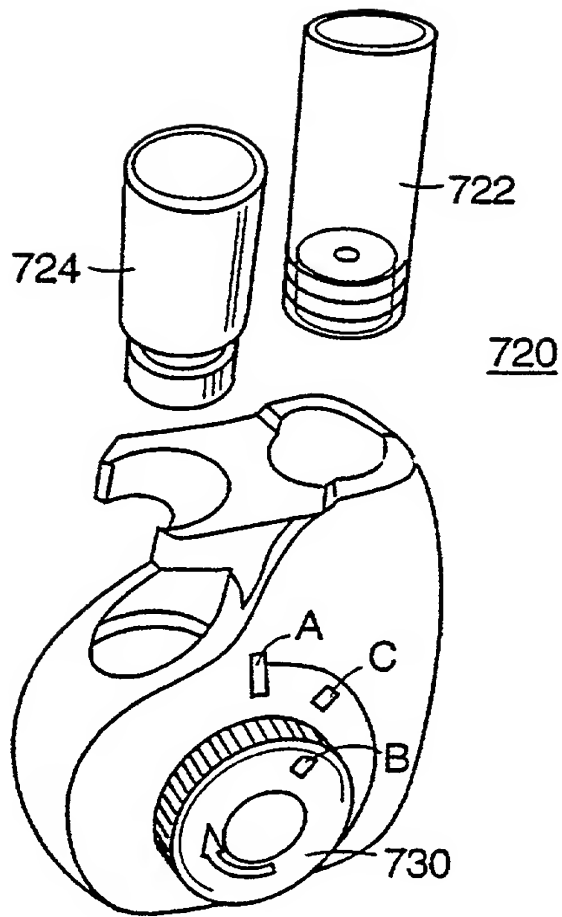


Figure 32A

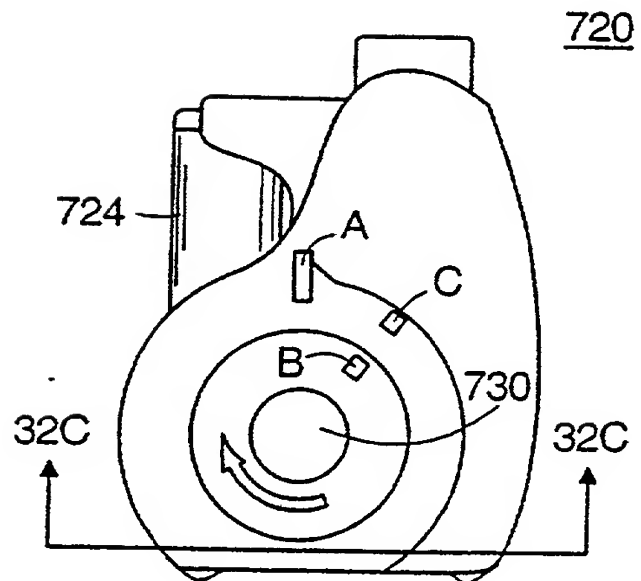


Figure 32B

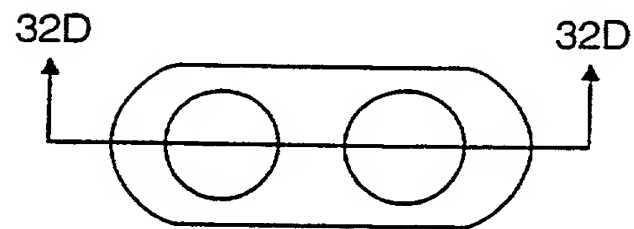


Figure 32C

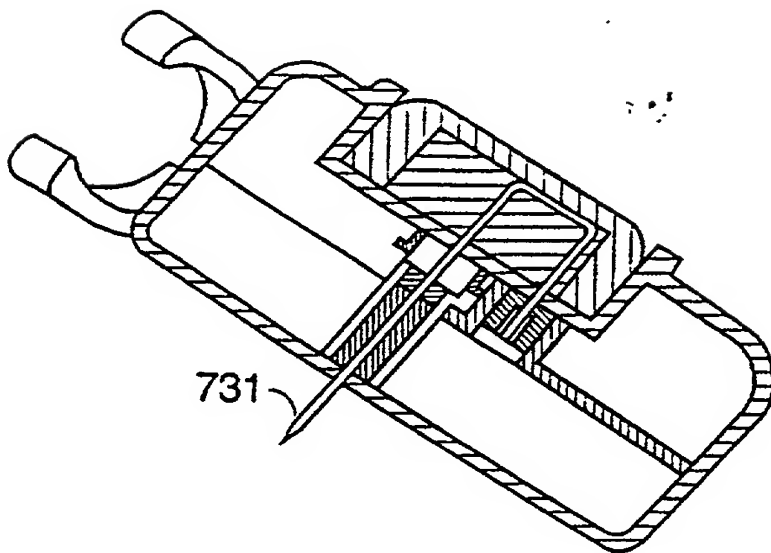


Figure 32D

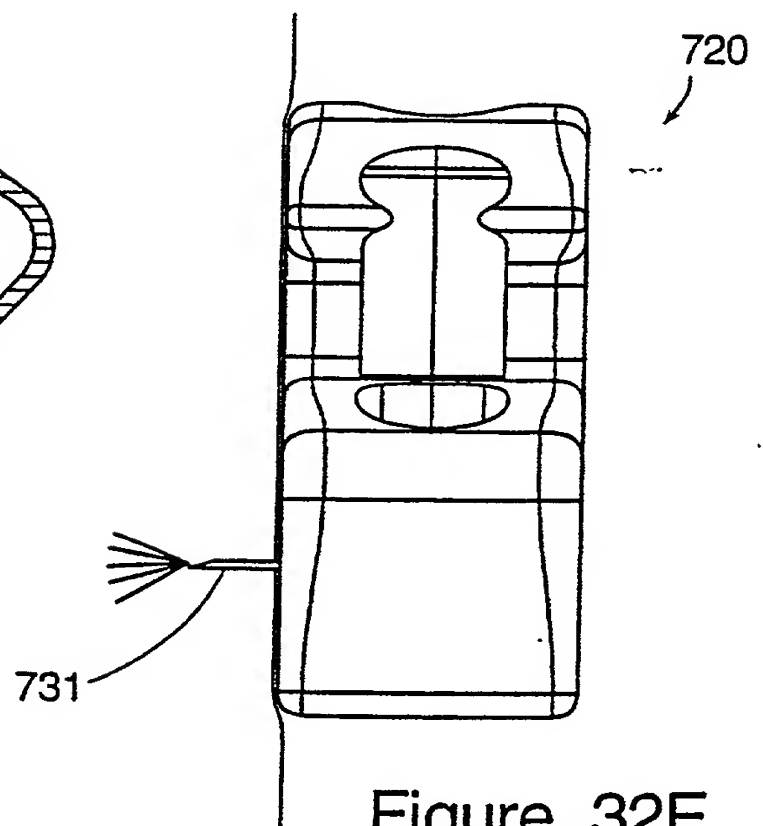


Figure 32E

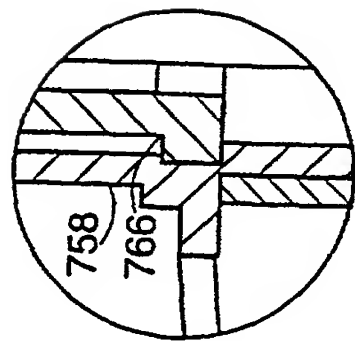


Figure 33A-1

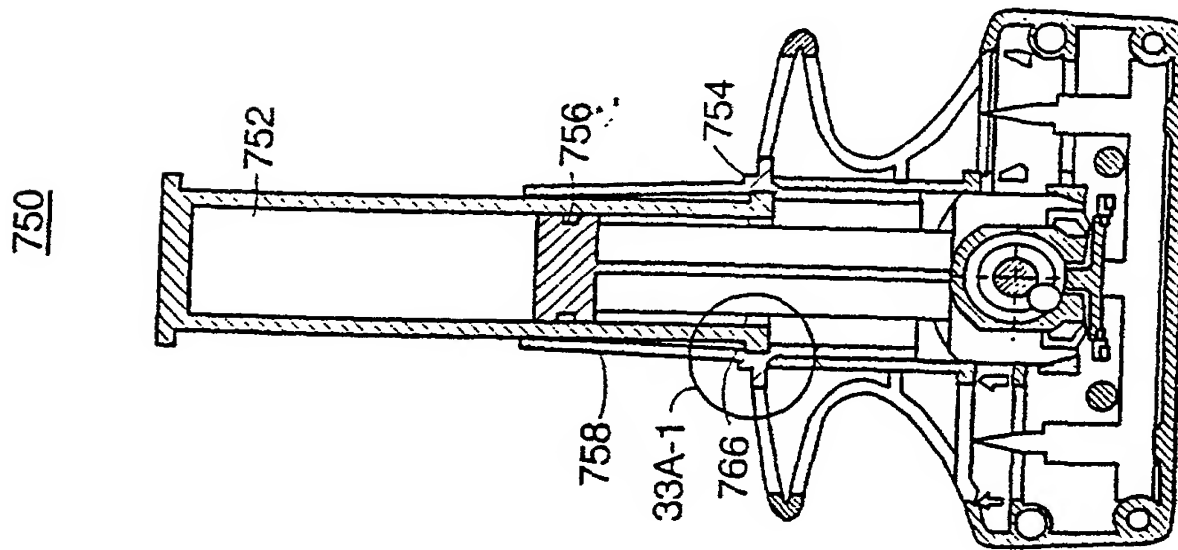


Figure 33A

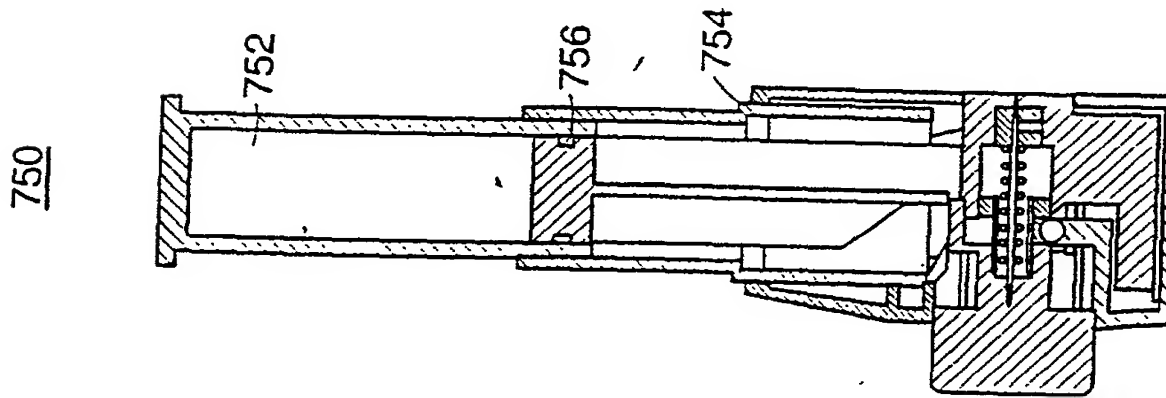


Figure 33B

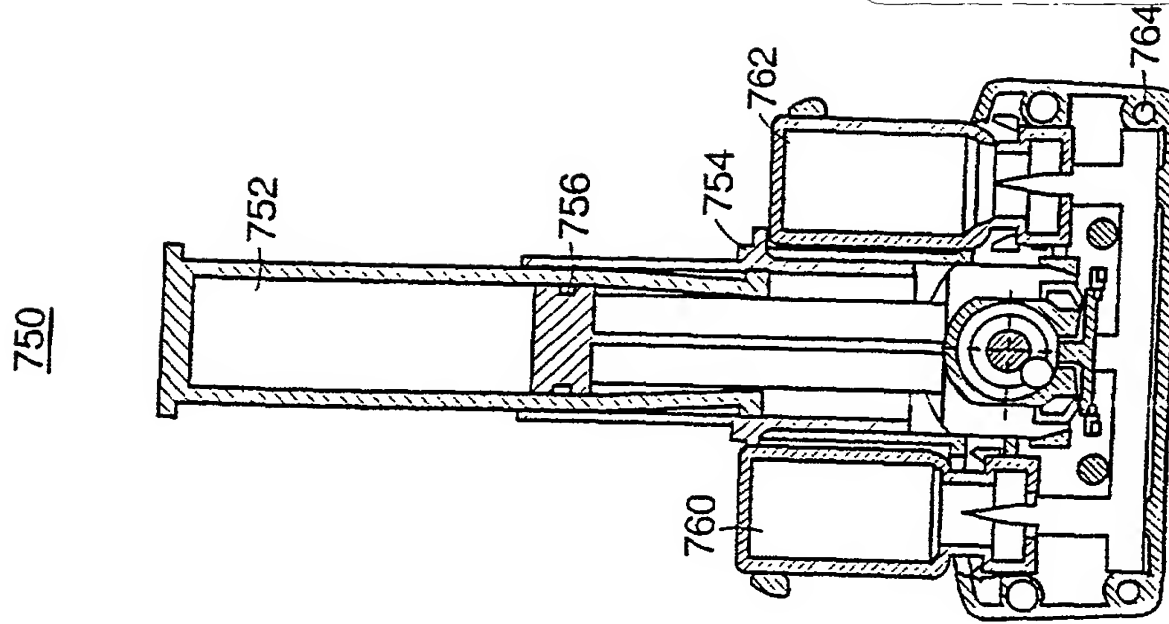


Figure 33C

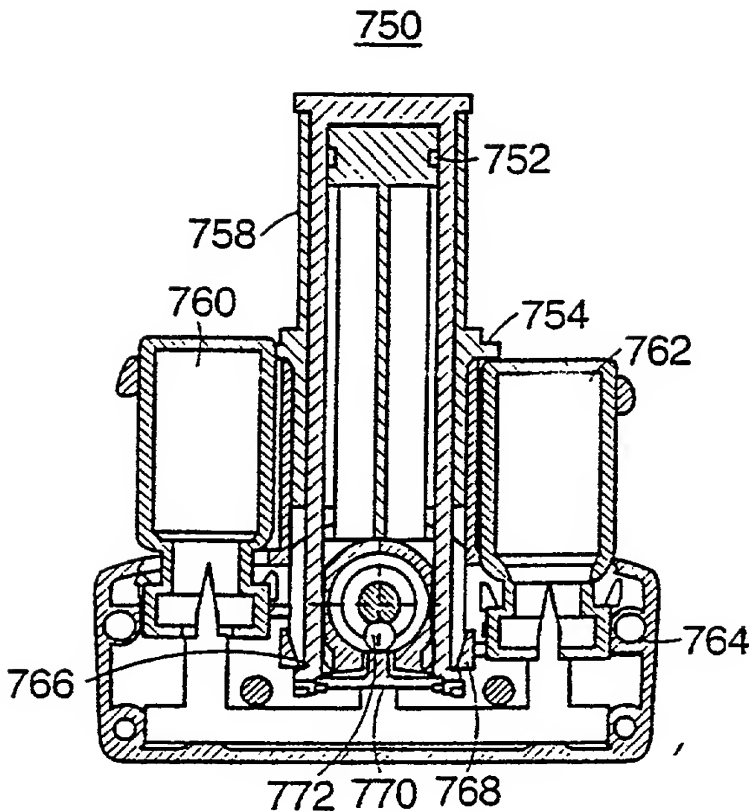


Figure 33D

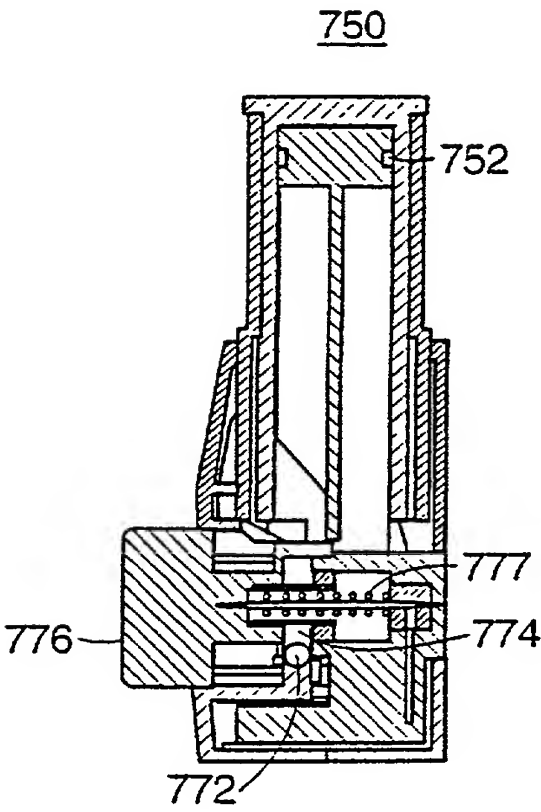


Figure 33E

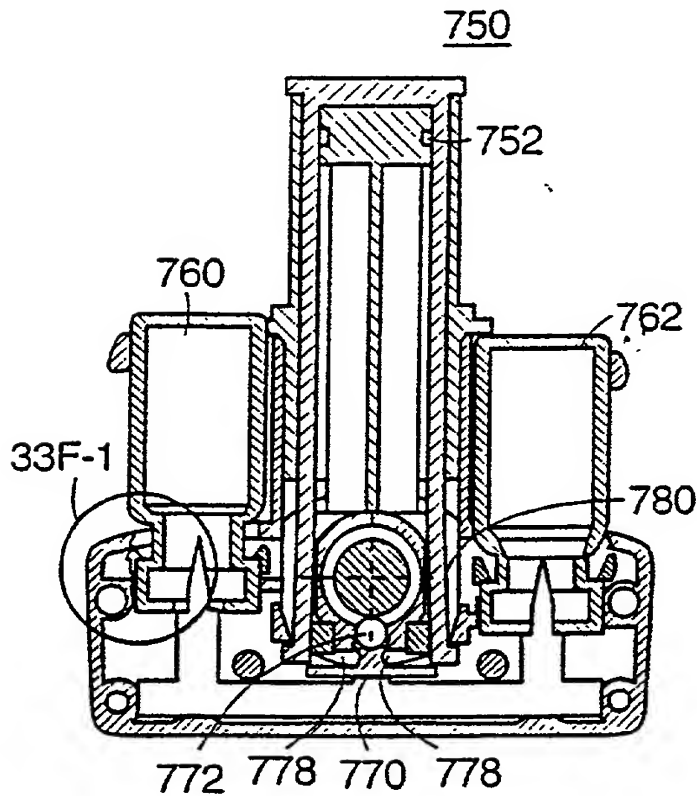


Figure 33F

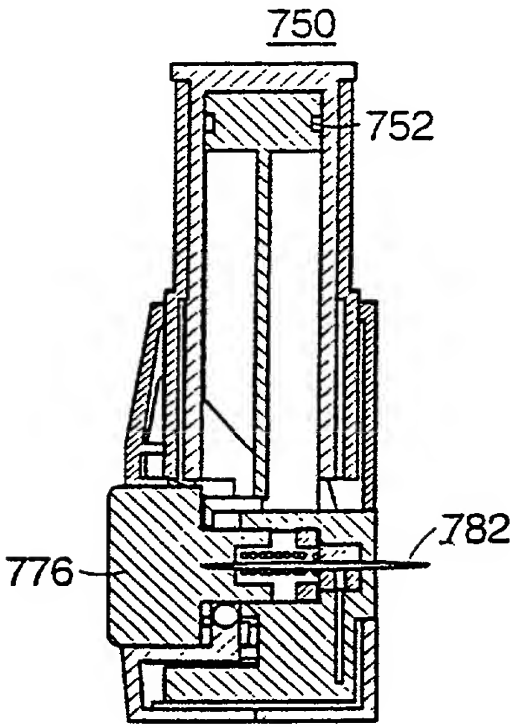


Figure 33G

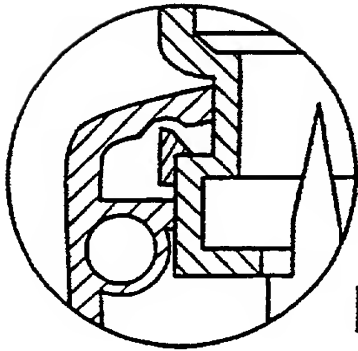


Figure 33F-1

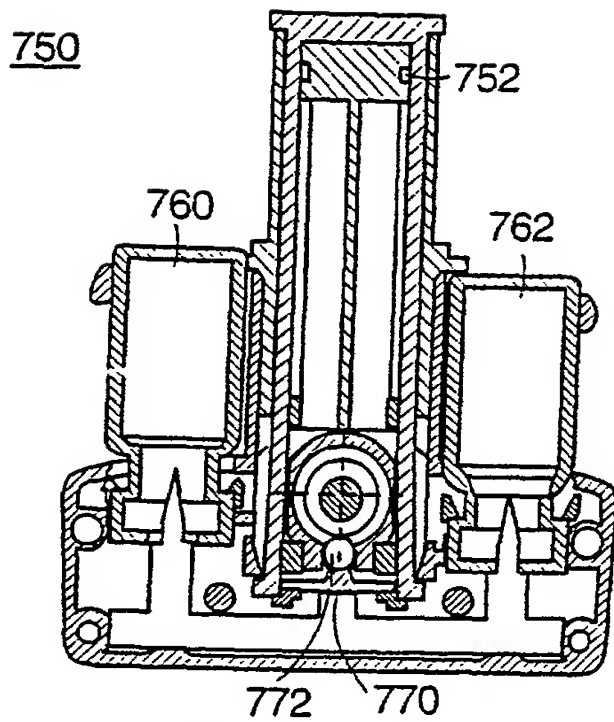


Figure 33H

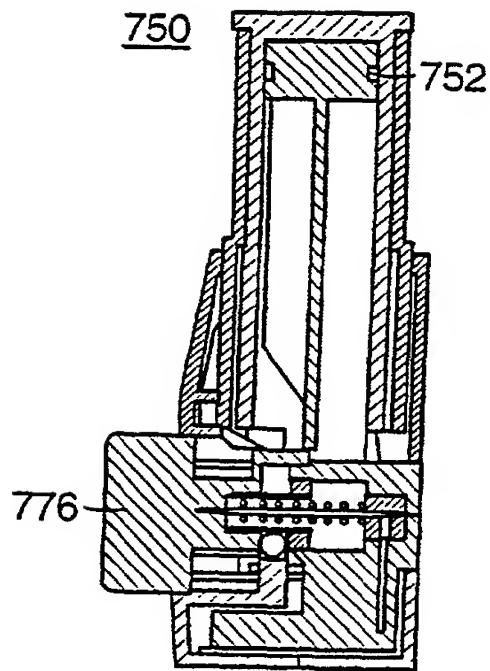


Figure 33I

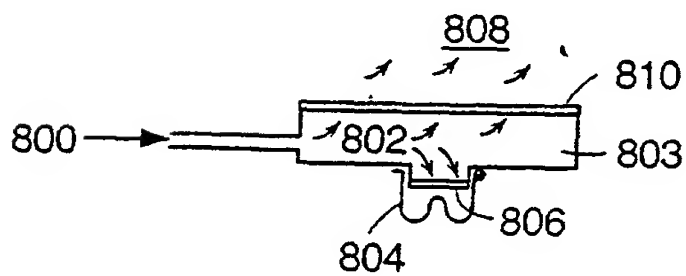


Figure 34A

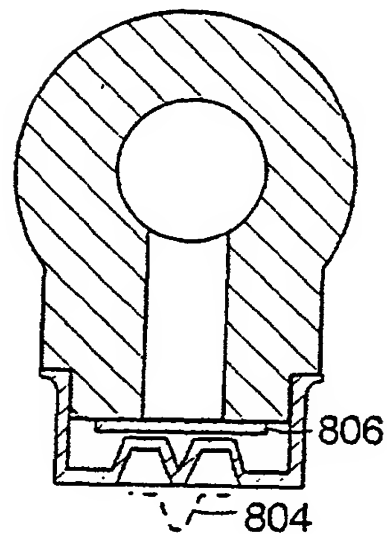


Figure 34C

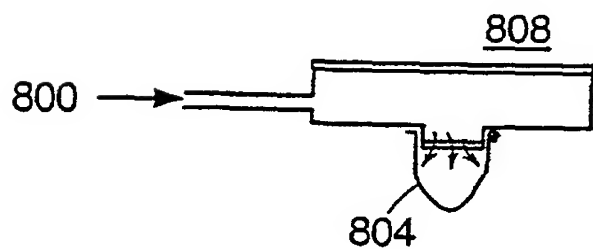


Figure 34B

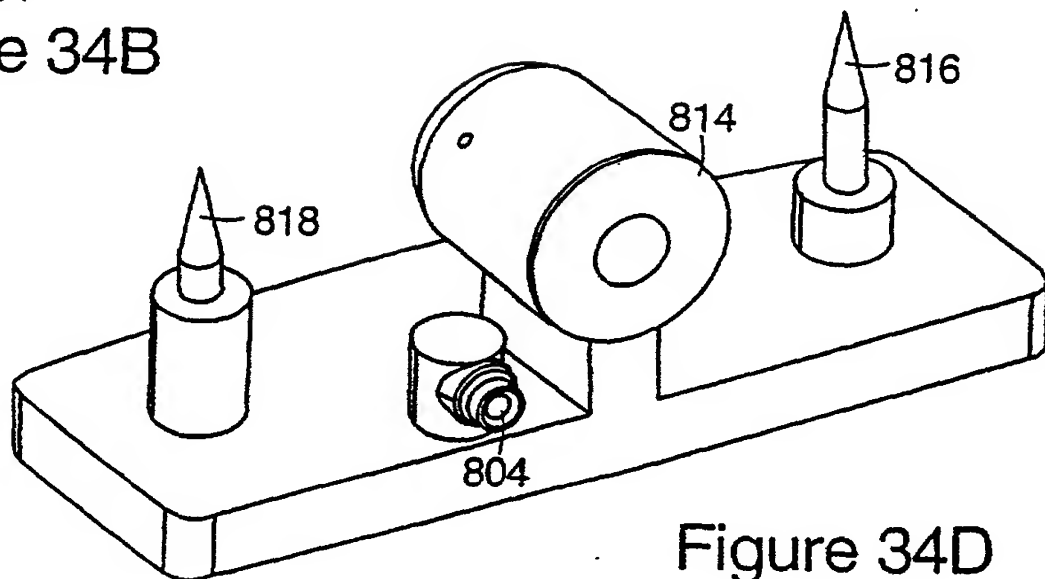


Figure 34D



Figure 35

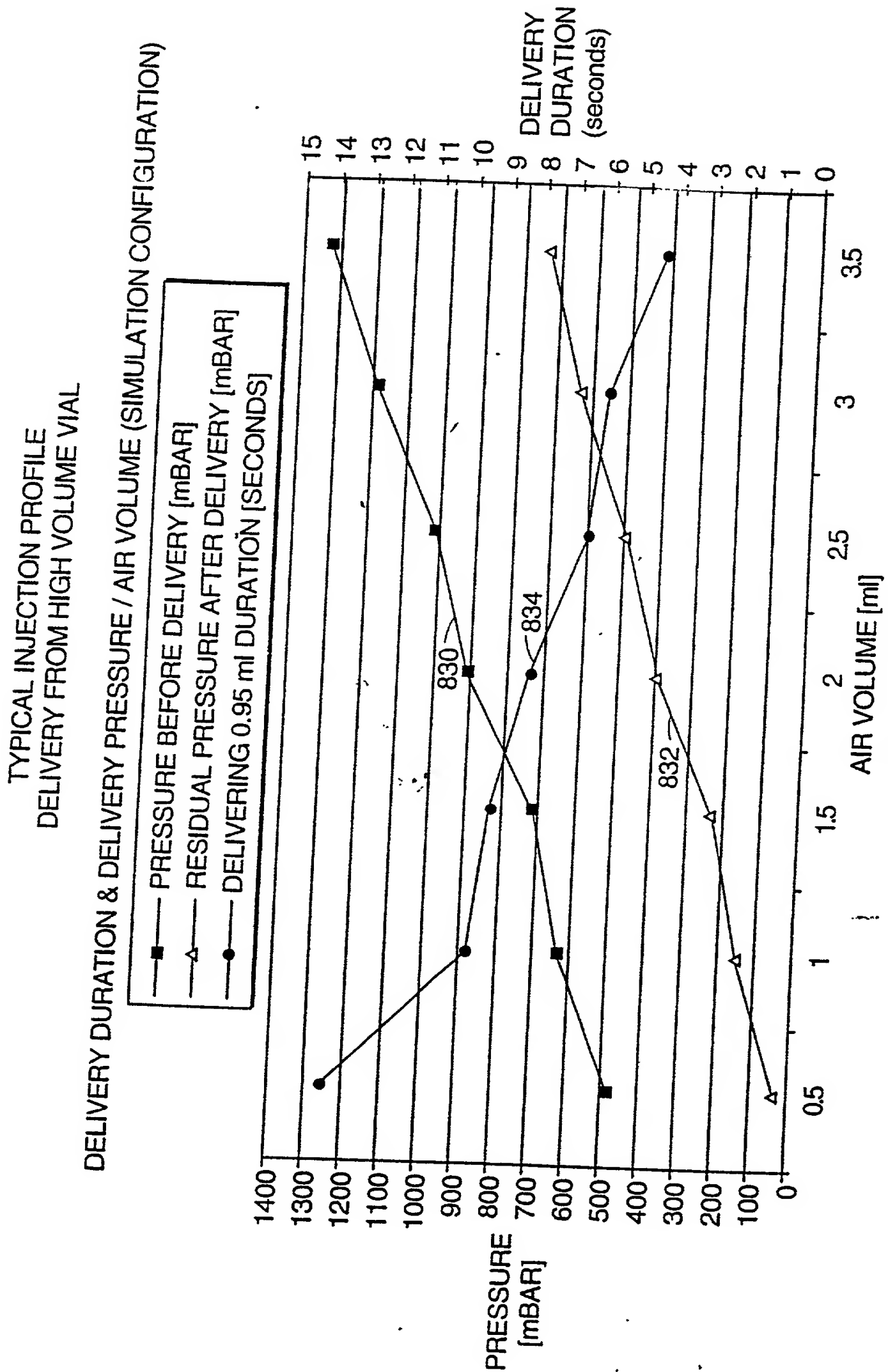


Figure 36

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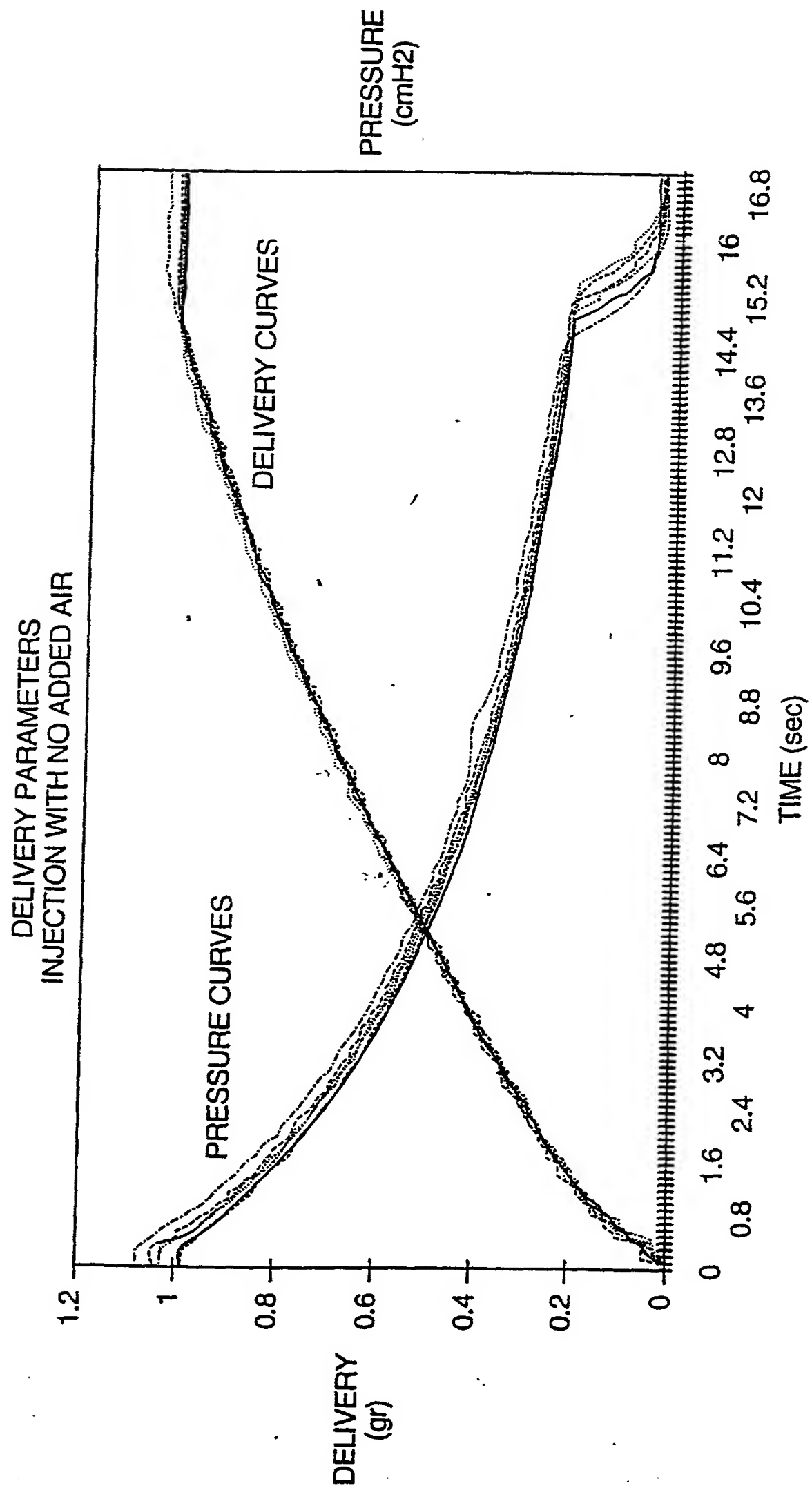


Figure 37



AIR PRESSURE GRADIENT ON HYDROPHILIC MEMBRANE

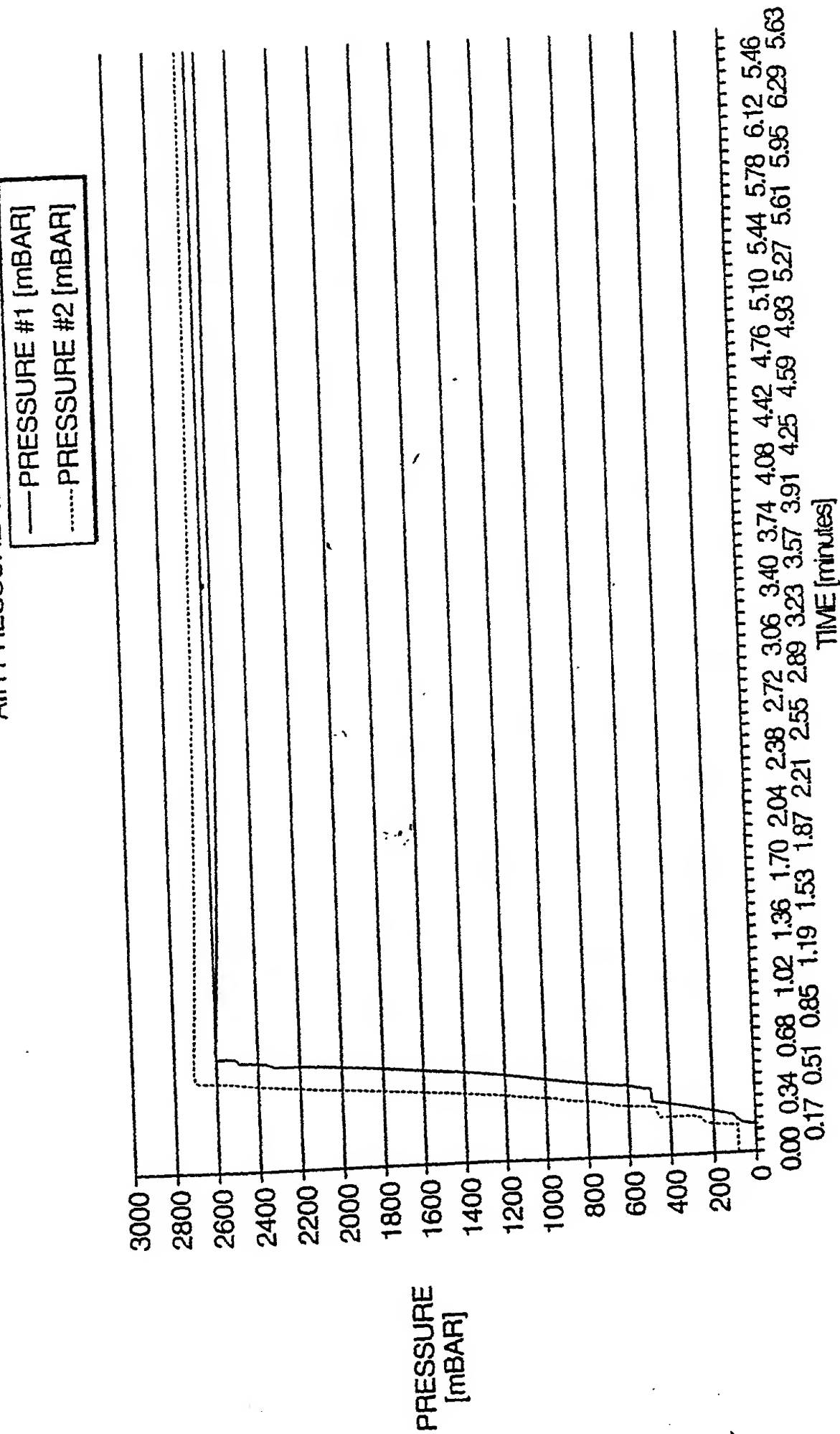


Figure 38

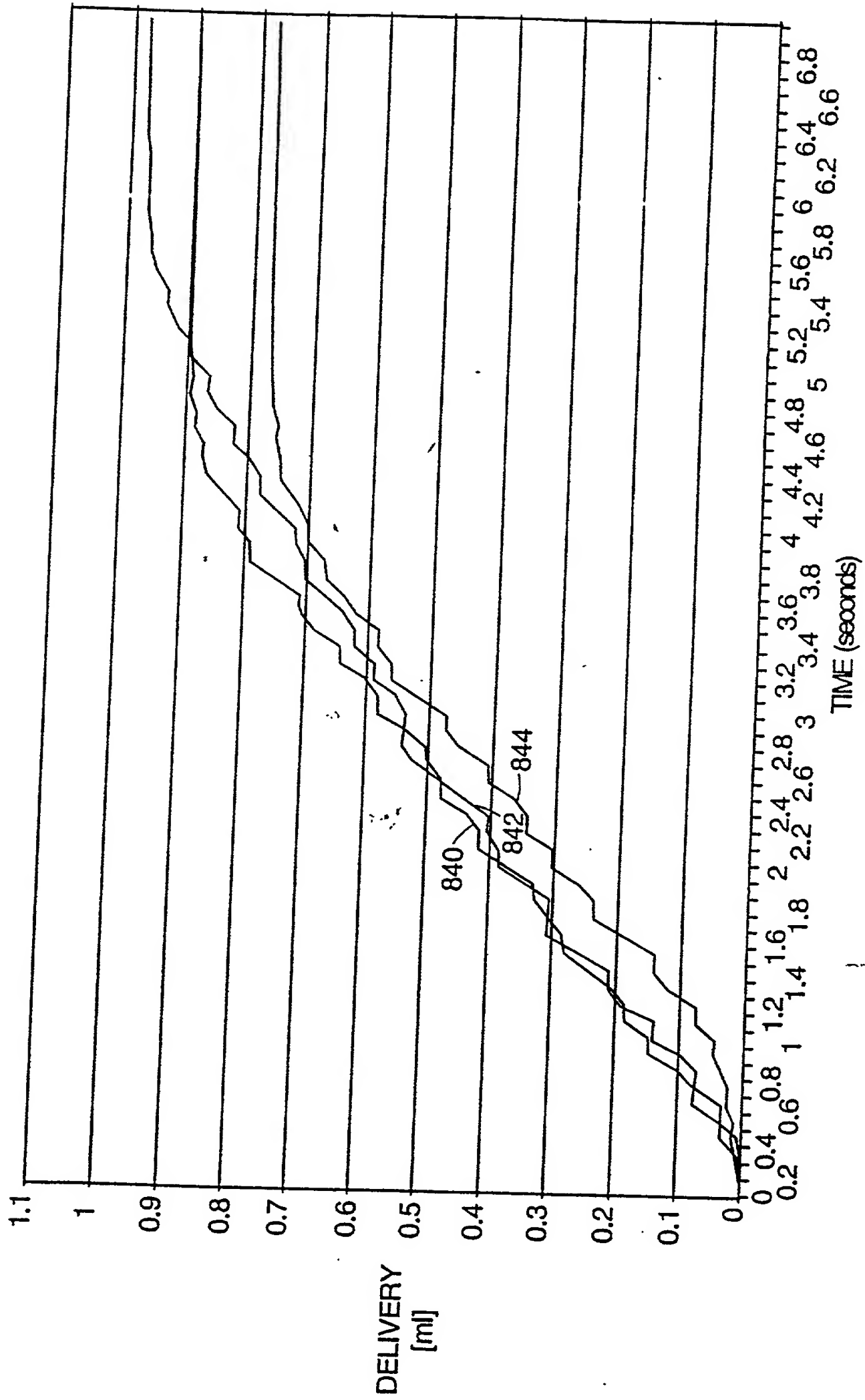


Figure 39

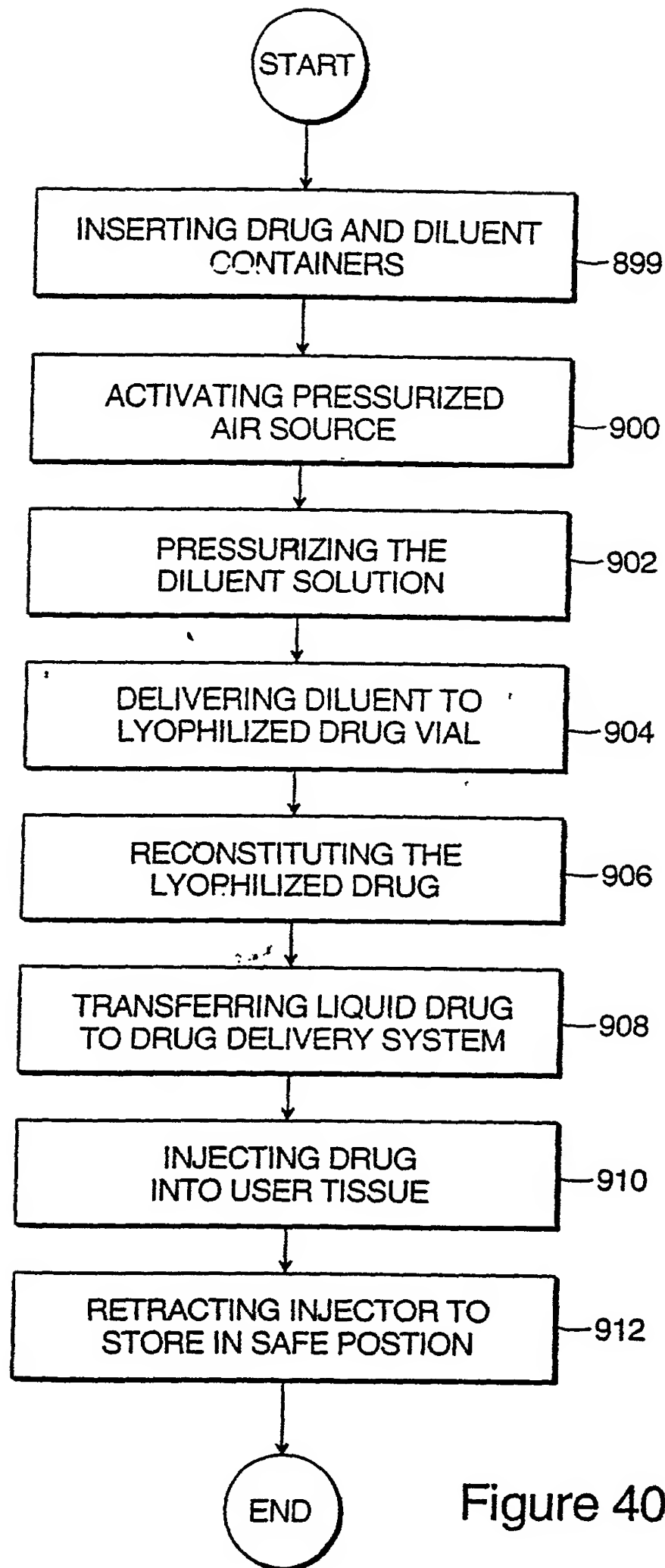


Figure 40

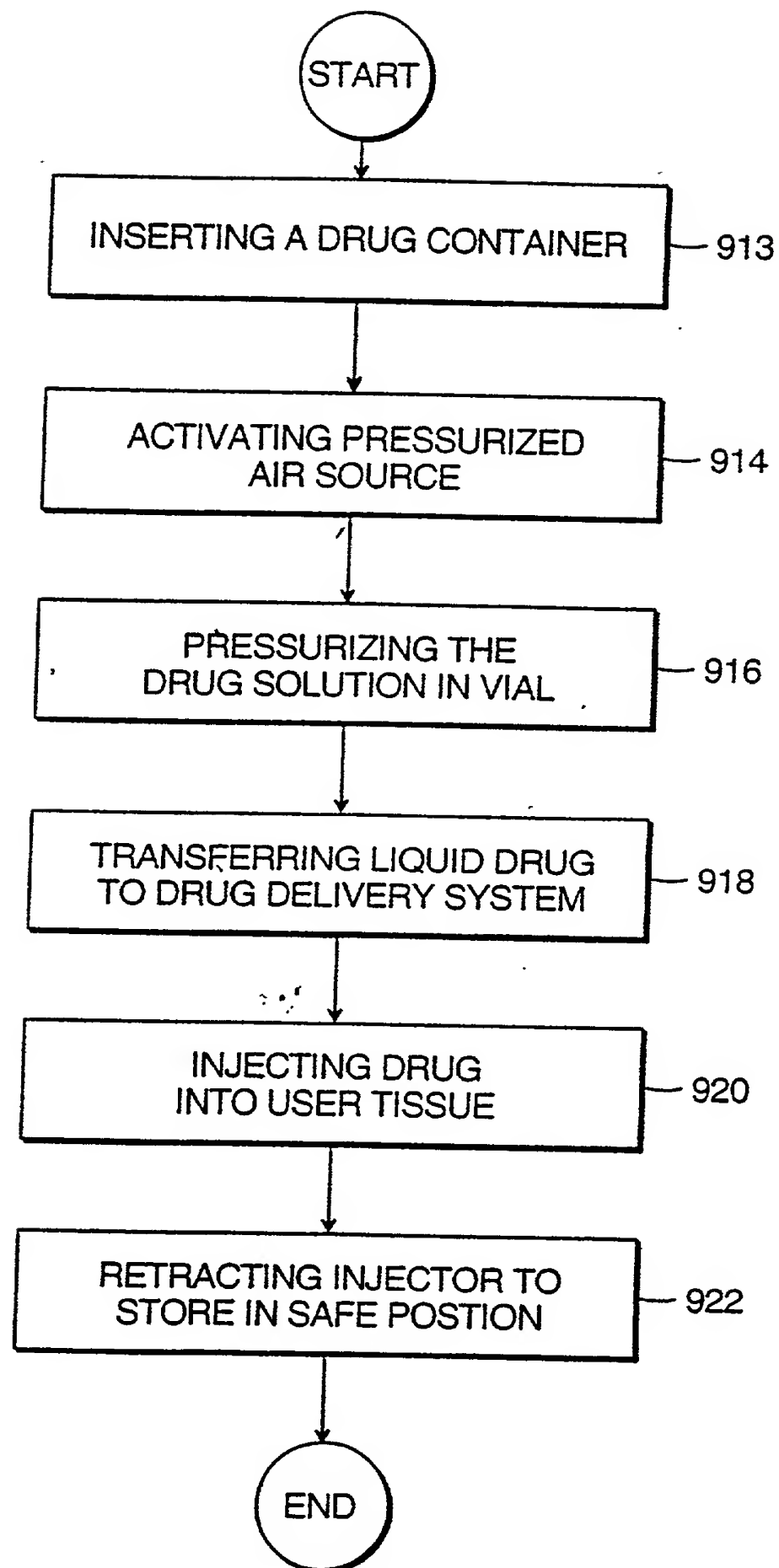


Figure 41